BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/11/2013	**Page** 5 of 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 1160 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ **Diag:**		**Film Load:** ☑ **Single** ☐ **Double**	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1267		JM/MV/SK	8"	.322"	C	D5	3	1334	/													
SM1268		JM/MV/PH	8"	.322"	C	D5	3	1335	/													
SM1269		JM/MV/MV	8"	.322"	C	D5	3	1336	/													
SM1270		JM/MV/JM	8"	.322"	C	D5	3	1337	/													
SM1271		JM/MV/BH	8"	.322"	C	D5	3	1338	/													
SM1272		JM/MV/SK	8"	.322"	C	D5	3	1352	/													
SM1273		JM/MV/JG	8"	.322"	C	D5	3	1349	/													
SM1274		JM/MV/JG	8"	.322"	C	D5	3	1353	/													
SM1275		JM/MV/JG	8"	.322"	C	D5	3	1350	/													
SM1276		JM/MV/BH	8"	.322"	C	D5	3	1354	/													
SM1277		JM/MV/SK	8"	.322"	C	D5	3	1355	/													
SM1278		JM/MV/PH	8"	.322"	C	D5	3	1356	/													
SM1279		JM/MV/JG	8"	.322"	C	D5	3	1357	/													
SM1280		JM/MV/JG	8"	.322"	C	D5	3	1358	/													
SM1281		JM/MV/PH	8"	.322"	C	D5	3	1359	/													
SM1282		JM/MV/RD	8"	.322"	C	D5	3	1360	/													
SM1283		JM/MV/SK	8"	.322"	C	D5	3	1361	/													
SM1284		JM/MV/PH	8"	.322"	C	D5	3	1362	/													
SM1285		JM/MV/SK	8"	.322"	C	D5	3	1363	/													
SM1286		JM/MV/PH	8"	.322"	C	D5	3	1364	/													

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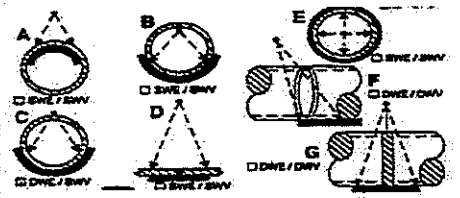
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/11/2013	**Page** 6 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**		**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 110 Ci	**KV:** N/A	**MA:** N/A	
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:	**Film Load:** ☑ Single ☐ Double		

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1287		JM/MV/PH	8"	.322"	C	D5	3	1365	/													
SM1288		JM/MV/RD	8"	.322"	C	D5	3	1366	/													
SM1289		JM/MV/SK	8"	.322"	C	D5	3	1367	/													
SM1290		JM/MV/SK	8"	.322"	C	D5	3	1368	/													
SM1291		JM/MV/PH	8"	.322"	C	D5	3	1369	/													
SM1292		JM/MV/BH	8"	.322"	C	D5	3	1370	/													
SM1293		JM/MV/RD	8"	.322"	C	D5	3	1371	/													
SM1294		JM/MV/SK	8"	.322"	C	D5	3	1372	/													
SM1295		JM/MV/PH	8"	.322"	C	D5	3	1373	/													
SM1296		JM/MV/RD	8"	.322"	C	D5	3	1374	/													



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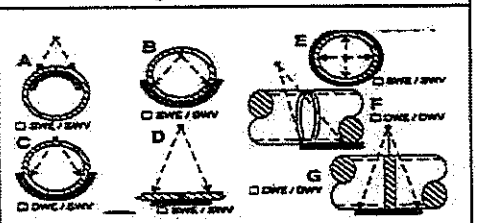
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT			Date: 7/12/2013	Page 1 of 5
Client Job : SUMMIT MIDSTREAM	AFE No.:			Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:		Governing Spec.:		Accept. Standard: API 1104 20TH ED
PO # N/A	Radiation Source: IR-192		Source Strength: 110 Ci		KV: N/A MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size (in.): ☐ .05 ☑ .16 ☑ Diag:			Film Load: ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1297		JM/MV/SK	8"	.322'	C	D5	3	1375	/													
SM1298		JM/MV/SK	8"	.322'	C	D5	3	1376	/													
SM1299		JM/MV/SK	8"	.322"	C	D5	3	1377	/													
SM1300		JM/MV/SK	8"	.322"	C	D5	3	1378	/													
SM1301		JM/MV/SK	8"	.322"	C	D5	3	1379	/													
SM1302		JM/MV/SK	8"	.322"	C	D5	3	1380	/													
SM1303		JM/MV/SK	8"	.322"	C	D5	3	1381	/													
SM1304		JM/MV/SK	8"	.322"	C	D5	3	1382	/													
SM1305		JM/MV/SK	8"	.322'	C	D5	3	1383	/													
SM1306		JM/MV/SK	8"	.322'	C	D5	3	1384	/													
SM1307		JM/MV/PH	8"	.322"	C	D5	3	1385	/													
SM1308		JM/MV/PH	8"	.322"	C	D5	3	1386	/													
SM1309		JM/MV/PD	8"	.322"	C	D5	3	1387	/													
SM1310		JM/MV/SK	8"	.322"	C	D5	3	1388	/													
SM1317		JM/MV/PH	8"	.322"	C	D5	3	1407	/													
SM1318		JM/MV/PH	8"	.322"	C	D5	3	1408	/													
SM1319		JM/MV/PD	8"	.322'	C	D5	3	1409	/													
SM1320		JM/MV/SK	8"	.322"	C	D5	3	1410	/													
SM1321		JM/MV/PH	8"	.322"	C	D5	3	1411	/													
SM1322		JM/MV/BH	8"	.322"	C	D5	3	1412	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
96		3	MILES:160	5:30AM	TO 8:00PM	14.5

Level II Radiographer: Jeffrey Schmandt

Client Reviewer:

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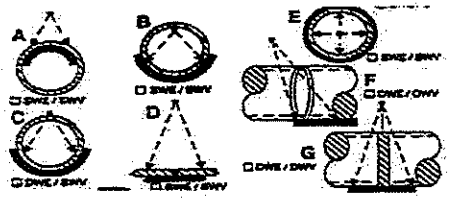
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT		Date: 7/12/2013	Page 2 of 5
Client Job : SUMMIT MIDSTREAM	AFE No.:		Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:	Accept. Standard: API 1104 20TH ED	
PO # N/A	Radiation Source: IR-192	Source Strength: 110 Ci	KV: N/A	MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size (in.): ☐ .05 ☐ .16 ☑ Diag:	Film Load: ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1323		JM/MV/RD	8"	.322"	C	D5	3	1413	/													
SM1324		JM/MV/SK	8"	.322"	C	D5	3	1414	/													
SM1325		JM/MV/PH	8"	.322"	C	D5	3	1415	/													
SM1326		JM/MV/BH	8"	.322"	C	D5	3	1416	/													
SM1327		JM/MV/BH	8"	.322"	C	D5	3	1417	/													
SM1328		JM/MV/RD	8"	.322"	C	D5	3	1418	/													
SM1329		JM/MV/SK	8"	.322"	C	D5	3	1419	/													
SM1330		JM/MV/PH	8"	.322"	C	D5	3	1420	/													
SM1331		JM/MV/BH	8"	.322"	C	D5	3	1421	/													
SM1332		JM/MV/SK	8"	.322"	C	D5	3	1422	/													
SM1333		JM/MV/PH	8"	.322"	C	D5	3	1423	/													
SM1334		JM/MV/BH	8"	.322"	C	D5	3	1424	/													
SM1335		JM/MV/SK	8"	.322"	C	D5	3	1425	/													
SM1336		JM/MV/PH	8"	.322"	C	D5	3	1426	/													
SM1337		JM/MV/BH	8"	.322"	C	D5	3	1427	/													
SM1338		JM/MV/SK	8"	.322"	C	D5	3	1428	/													
SM1339		JM/MV/PH	8"	.322"	C	D5	3	1429	/													
SM1340		JM/MV/BH	8"	.322"	C	D5	3	1430	/													
SM1341		JM/MV/SK	8"	.322"	C	D5	3	1431	/													
SM1342		JM/MV/PH	8"	.322"	C	D5	3	1432	/													



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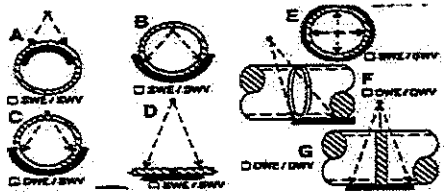
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT			Date: 7/12/2013	Page 3 of 5
Client Job No: SUMMIT MIDSTREAM	AFE No.:			Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:		Accept. Standard: API 1104 20TH ED	
PO # N/A	Radiation Source: IR-192	Source Strength: 110 Ci		KV: N/A	MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size (in.): ☐ .05 ☑ .16 ☑ Diag:		Film Load: ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1343		JM/MV/SK	8"	.322"	C	D5	3	1433	/													
SM1344		JM/MV/SK	8"	.322"	C	D5	3	1434	/													
SM1345		JM/MV/PH	8"	.322"	C	D5	3	1435	/													
SM1346		JM/MV/SK	8"	.322"	C	D5	3	1436	/													
SM1347		JM/MV/PH	8"	.322"	C	D5	3	1437	/													
SM1348		JM/MV/SK	8"	.322"	C	D5	3	1438	/													
SM1349		JM/MV/PH	8"	.322"	C	D5	3	1439	/													
SM1350		JM/MV/SK	8"	.322"	C	D5	3	1440	/													
SM1351		JM/MV/PH	8"	.322"	C	D5	3	1441	/													
SM1352		JM/MV/SK	8"	.322"	C	D5	3	1442	/													
SM1353		JM/MV/SK	8"	.322"	C	D5	3	1443	/													
SM1354		JM/MV/PH	8"	.322"	C	D5	3	1444	/													
SM1355		JM/MV/BH	8"	.322"	C	D5	3	1445	/													
SM1356		JM/MV/SK	8"	.322"	C	D5	3	1446	/													
SM1357		JM/MV/PH	8"	.322"	C	D5	3	1447	/													
SM1358		JM/MV/MV	8"	.322"	C	D5	3	1448	/													
SM1359		JM/MV/JM	8"	.322"	C	D5	3	1449	/													
SM1360		JM/MV/BH	8"	.322"	C	D5	3	1450	/													
SM1361		JM/MV/SK	8"	.322"	C	D5	3	1451	/													
SM1362		JM/MV/PH	8"	.322"	C	D5	3	1452	/													



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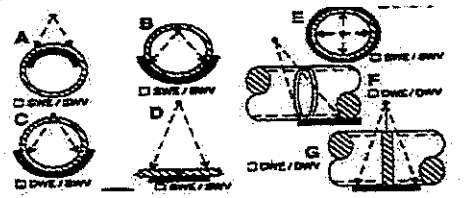
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/12/2013	**Page** 4 **of** 5
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 110 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:	**Film Load:** ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1363		JM/MV/MV	8"	.322"	C	D5	3	1453	/													
SM1364		JM/MV/JM	8"	.322"	C	D5	3	1454	/													
SM1365		JM/MV/BH	8"	.322"	C	D5	3	1455	/													
SM1366		JM/MV/SK	8"	.322"	C	D5	3	1456	/													
SM1367		JM/MV/PH	8"	.322"	C	D5	3	1457	/													
SM1368		JM/MV/MV	8"	.322"	C	D5	3	1458	/													
SM1369		JM/MV/JM	8"	.322"	C	D5	3	1459	/													
SM1370		JM/MV/SK	8"	.322"	C	D5	3	1460	/													
SM1371		JM/MV/PH	8"	.322"	C	D5	3	1461	/													
SM1372		JM/MV/MV	8"	.322"	C	D5	3	1462	/													
SM1373		JM/MV/JM	8"	.322"	C	D5	3	1463	/													
SM1374		JM/MV/BH	8"	.322"	C	D5	3	1464	/													
SM1375		JM/MV/SK	8"	.322"	C	D5	3	1465	/													
SM1376		JM/MV/PH	8"	.322"	C	D5	3	1466	/													
SM1377		JM/MV/SK	8"	.322"	C	D5	3	1467	/													
SM1378		JM/MV/RD	8"	.322"	C	D5	3	1468	/													
SM1379		JM/MV/SK	8"	.322"	C	D5	3	1472	/													
SM1380		JM/MV/PH	8"	.322"	C	D5	3	1473	/													
SM1381		JM/MV/RO	8"	.322"	C	D5	3	1474	/													
SM1382		JM/MV/SK	8"	.322"	C	D5	3	1475	/													



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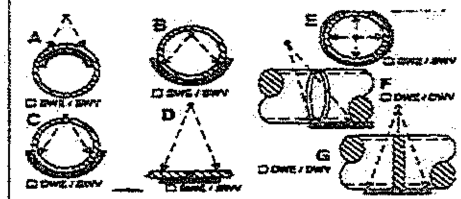
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT	Date: 7/13/2013	Page 1 of 3
Client Job: SUMMIT MIDSTREAM	AFE No.:	Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:	Accept. Standard: API 1104 20TH ED
PO #: N/A	Radiation Source: IR-192	Source Strength: 110 Ci	KV: N/A MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size (in.): ☐ .05 ☑ .16 ☑ Diag:	Film Load: ☑ Single ☐ Double

Weld Id No.	Prefix	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D8/D4/M/AA 50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1399		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1495	/													
SM1400		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1496	/													
SM1401		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1497	/													
SM1402		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1498	/													
SM1403		[illegible]	8"	[illegible]	C	[illegible]	3	1499	/													
SM1404		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1500	/													
SM1405		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1501	/													
SM1406		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1502	/													
SM1407		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1503	/													
SM1408		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1504	/													
SM1409		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1505	/													
SM1410		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1506	/													
SM1411		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1507	/													
SM1412		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1508	/													
SM1413		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1509	/													
SM1414		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1511	/													
SM1415		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1512	/													
SM1416		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1513	/													
SM1417		[illegible]	[illegible]	[illegible]	C	[illegible]	3	1514	/													
SM1418		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	1515	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel				Total Hours
54		3	MILES:360	5:30AM	TO	5:30PM	12

Level II Radiographer:	Jeffrey Schmandt	Client Reviewer:	

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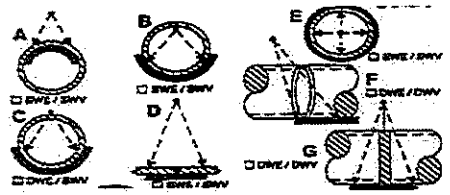
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT		Date: 7/13/2013	Page 2 of 3	
Client Job : SUMMIT MIDSTREAM	AFE No.:		Project Location: FORTUNA, ND		
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:	Accept. Standard: API 1104 20TH ED		
PO # N/A	Radiation Source: IR-192	Source Strength: 110 Ci	KV: N/A	MA: N/A	
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size (in.): ☐ .05 ☐ .16 ☑ Diag:	Film Load: ☑ Single ☐ Double		

Weld No.	Prefix	Welder Stamp	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1419		JM/MV/PD	8"	.322"	C	D5	3	1516	/													
SM1420		JM/MV/SK	8"	.322"	C	D5	3	1517	/													
SM1421		JM/MV/PH	8"	.322"	C	D5	3	1518	/													
SM1422		JM/MV/BH	8"	.322"	C	D5	3	1519	/													
SM1423		JM/MV/BH	8"	.322"	C	D5	3	1520	/													
SM1424		JM/MV/PD	8"	.322"	C	D5	3	1521	/													
SM1425		JM/MV/SK	8"	.322"	C	D5	3	1522	/													
SM1426		JM/MV/PH	8"	.322"	C	D5	3	1523	/													
SM1427		JM/MV/BH	8"	.322"	C	D5	3	1524	/													
SM1428		JM/MV/SK	8"	.322"	C	D5	3	1525	/													
SM1429		JM/MV/PH	8"	.322"	C	D5	3	1526	/													
SM1430		JM/MV/BH	8"	.322"	C	D5	3	1527	/													
SM1431		JM/MV/SK	8"	.322"	C	D5	3	1528	/													
SM1432		JM/MV/PH	8"	.322"	C	D5	3	1539	/													
SM1433		JM/MV/BH	8"	.322"	C	D5	3	1540	/													
SM1434		JM/MV/SK	8"	.322"	C	D5	3	1541	/													
SM1435		JM/MV/PH	8"	.322"	C	D5	3	1542	/													
SM1436		JM/MV/BH	8"	.322"	C	D5	3	1543	/													
SM1437		JM/MV/SK	8"	.322"	C	D5	3	1544	/													
SM1438		JM/MV/PH	8"	.322"	C	D5	3	1545	/													



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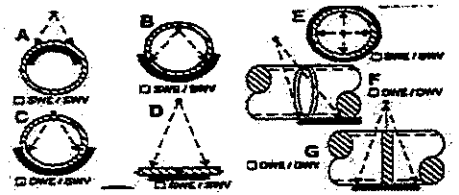
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT	Date: 7/13/2013	Page 3 of 3
Client Job No: SUMMIT MIDSTREAM	AFE No.:	Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:	Accept. Standard: API 1104 20TH ED
PO # N/A	Radiation Source: IR-192	Source Strength: 110 Ci	KV: N/A MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size (in.): ☐ .05 ☑ .16 ☑ Diag:	Film Load: ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D6/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1439		JM/MV/SK	8"	.322"	C	D5	3	1546	/													
SM1440		JM/MV/SK	8"	.322"	C	D5	3	1547	/													
SM1441		JM/MV/PH	8"	.322"	C	D5	3	1548	/													
SM1442		JM/MV/SK	8"	.322"	C	D5	3	1549	/													
SM1443		JM/MV/PH	8"	.322"	C	D5	3	1550	/													
SM1444		JM/MV/SK	8"	.322"	C	D5	3	1552	/													
SM1445		JM/MV/PH	8"	.322"	C	D5	3	1553	/													
SM1446		JM/MV/SK	8"	.322"	C	D5	3	1554	/													
SM1447		JM/MV/PH	8"	.322"	C	D5	3	1555	/													
SM1448		JM/MV/SK	8"	.322"	C	D5	3	1556	/													
SM1449		JM/MV/SK	8"	.322"	C	D5	3	1557	/													
SM1450		JM/MV/PH	8"	.322"	C	D5	3	1558	/													
SM1451		JM/MV/BH	8"	.322"	C	D5	3	1559	/													
SM1452		JM/MV/SK	8"	.322"	C	D5	3	1560	/													



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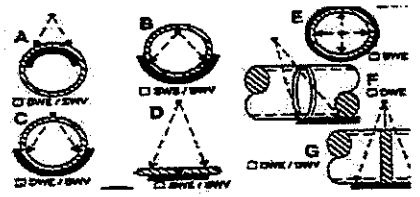
Radiography Repc

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/15/2013	**Page** 1 **of**
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 110 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1453		JM/MV/JG/PH	8"	.322"	C	D5	3	1561	/													
SM1454		JM/MV/JG/PH	8"	.322"	C	D5	3	1562	/													
SM1455		JM/MV/JG	8"	.322"	C	D5	3	1563	/													
SM1456		JM/MV/JG	8"	.322"	C	D5	3	1564	/													
SM1457		JM/MV/JG	8"	.322"	C	D5	3	1565	/													
SM1458		JM/MV/JG/PH	8"	.322"	C	D5	3	1566	/													
SM1459		JM/MV/JG	8"	.322"	C	D5	3	1567	/													
SM1460		JM/MV/JG/PH	8"	.322"	C	D5	3	1568	/													
SM1461		JM/MV/JG	8"	.322"	C	D5	3	1569	/													
SM1462		JM/MV/JG	8"	.322"	C	D5	3	1570	/													
SM1463		JM/MV/JG	8"	.322"	C	D5	3	1571	/													
SM1464		JM/MV/JG	8"	.322"	C	D5	3	1572	/													
SM1465		JM/MV/JG	8"	.322"	C	D5	3	1573	/													
SM1466		JM/MV/JG	8"	.322"	C	D5	3	1574	/													
SM1467		JM/MV/JG	8"	.322"	C	D5	3	1575	/													
SM1468		JM/MV/JG	8"	.322"	C	D5	3	1576	/													
SM1469		JM/MV/JG	8"	.322"	C	D5	3	1577	/													
SM1470		JM/MV/JG/PH	8"	.322"	C	D5	3	1578	/													
SM1471		JM/MV/JG/SK	8"	.322"	C	D5	3	1579	/													
SM1472		JM/MV/JG/PH	8"	.322"	C	D5	3	1580	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
111		3	MILES:160	5:30AM	TO 9:30PM	16

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

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Radiography Repc

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/15/2013	**Page** 2 of
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 110 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☐ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1473		JM/MV/JG/SK	8"	.322"	C	D5	3	1582	/													
SM1474		JM/MV/JG/BH	8"	.322"	C	D5	3	1583	/													
SM1475		JM/MV/JG/PH	8"	.322"	C	D5	3	1581	/													
SM1476		JM/MV/JG/SK	8"	.322"	C	D5	3	1584	/													
SM1477		JM/MV/JG/BH	8"	.322"	C	D5	3	1585	/													
SM1478		JM/MV/JG/PH	8"	.322"	C	D5	3	1586	/													
SM1479		JM/MV/JG/SK	8"	.322"	C	D5	3	1590	/													
SM1480		JM/MV/JG/BH	8"	.322"	C	D5	3	1595	/													
SM1481		JM/MV/JG/PH	8"	.322"	C	D5	3	1589	/													
SM1482		JM/MV/JG/SK	8"	.322"	C	D5	3	1587	/													
SM1483		JM/MV/JG/BH	8"	.322"	C	D5	3	1591	/													
SM1484		JM/MV/JG/PH	8"	.322"	C	D5	3	1592	/													
SM1485		JM/MV/JG/SK	8"	.322"	C	D5	3	1593	/													
SM1486		JM/MV/JG/BH	8"	.322"	C	D5	3	1594	/													
SM1487		JM/MV/JG/PH	8"	.322"	C	D5	3	1588	/													
SM1488		JM/MV/JG/SK	8"	.322"	C	D5	3	1596	/													
SM1489		JM/MV/JG/BH	8"	.322"	C	D5	3	1597	/													
SM1490		JM/MV/JG/PH	8"	.322"	C	D5	3	1598	/													
SM1491		JM/MV/JG/SK	8"	.322"	C	D5	3	1599	/													
SM1492		JM/MV/JG/BH	8"	.322"	C	D5	3	1600	/													

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Radiography Repc

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/15/2013	**Page** 3 of
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 110 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1493		JM/MV/JG/PH	8"	.322"	C	D5	3	1601	/													
SM1494		JM/MV/JG/SK	8"	.322"	C	D5	3	1602	/													
SM1495		JM/MV/JG/BH	8"	.322"	C	D5	3	1603	/													
SM1496		JM/MV/JG/PH	8"	.322"	C	D5	3	1604	/													
SM1497		JM/MV/JG/SK	8"	.322"	C	D5	3	1605	/													
SM1498		JM/MV/JG/BH	8"	.322"	C	D5	3	1606	/													
SM1499		JM/MV/JG/PH	8"	.322"	C	D5	3	1607	/													
SM1500		JM/MV/JG/SK	8"	.322"	C	D5	3	1608	/													
SM1501		JM/MV/JG/BH	8"	.322"	C	D5	3	1609	/													
SM1502		JM/MV/JG/PH	8"	.322"	C	D5	3	1610	/													
SM1503		JM/MV/JG/SK	8"	.322"	C	D5	3	1616	/													
SM1504		JM/MV/JG/BH	8"	.322"	C	D5	3	1613	/													
SM1505		JM/MV/JG/PH	8"	.322"	C	D5	3	1617	/													
SM1506		JM/MV/JG/SK	8"	.322"	C	D5	3	1614	/													
SM1507		JM/MV/JG/BH	8"	.322"	C	D5	3	1618	/													
SM1508		JM/MV/JG/PH	8"	.322"	C	D5	3	1619	/													
SM1509		JM/MV/JG/SK	8"	.322"	C	D5	3	1620	/													
SM1510		JM/MV/JG/BH	8"	.322"	C	D5	3	1621	/													
SM1511		JM/MV/JG/PH	8"	.322"	C	D5	3	1622	/													
SM1512		JM/MV/JG/SK	8"	.322"	C	D5	3	1623	/													

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Radiography Repc

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/15/2013	**Page** 4 of
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 110 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1513		JM/MV/JG/PH	8"	.322"	C	D5	3	1624	/													
SM1514		JM/MV/JG/SK	8"	.322"	C	D5	3	1625	/													
SM1515		JM/MV/JG/BH	8"	.322"	C	D5	3	1626	/													
SM1516		JM/MV/JG/PH	8"	.322"	C	D5	3	1627	/													
SM1517		JM/MV/JG/SK	8"	.322"	C	D5	3	1628	/													
SM1518		JM/MV/JG/BH	8"	.322"	C	D5	3	1629	/													
SM1519		JM/MV/JG/PH	8"	.322"	C	D5	3	1630	/													
SM1520		JM/MV/JG/SK	8"	.322"	C	D5	3	1631	/													
SM1521		JM/MV/JG/BH	8"	.322"	C	D5	3	1632	/													
SM1522		JM/MV/JG/PH	8"	.322"	C	D5	3	1633	/													
SM1523		JM/MV/JG/SK	8"	.322"	C	D5	3	1634	/													
SM1524		JM/MV/JG/BH	8"	.322"	C	D5	3	1635	/													
SM1525		JM/MV/JG/PH	8"	.322"	C	D5	3	1636	/													
SM1526		JM/MV/JG/SK	8"	.322"	C	D5	3	1637	/													
SM1527		JM/MV/JG/BH	8"	.322"	C	D5	3	1638														
SM1528		JM/MV/JG/PH	8"	.322"	C	D5	3	1639	/													
SM1529		JM/MV/JG/SK	8"	.322"	C	D5	3	1641	/													
SM1530		JM/MV/JG/BH	8"	.322"	C	D5	3	1642	/													
SM1531		JM/MV/JG/PH	8"	.322"	C	D5	3	1643	/													
SM1532		JM/MV/JG/SK	8"	.322"	C	D5	3	1644	/													

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Radiography Repo

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/15/2013	**Page** 5 of
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 1160 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1533		JM/MV/JG/PH	8"	.322"	C	D5	3	1642	/													
SM1534		JM/MV/JG/SK	8"	.322"	C	D5	3	1643	/													
SM1535		JM/MV/JG/BH	8"	.322"	C	D5	3	1644	/													
SM1536		JM/MV/JG/PH	8"	.322"	C	D5	3															
SM1537		JM/MV/JG/SK	8"	.322"	C	D5	3															
SM1538		JM/MV/JG/BH	8"	.322"	C	D5	3															
SM1539		JM/MV/JG/PH	8"	.322"	C	D5	3															
SM1540		JM/MV/JG/SK	8"	.322"	C	D5	3															
SM1541		JM/MV/JG/BH	8"	.322"	C	D5	3															
SM1542		JM/MV/JG/PH	8"	.322"	C	D5	3															
SM1543		JM/MV/JG/SK	8"	.322"	C	D5	3															
SM1544		JM/MV/JG/BH	8"	.322"	C	D5	3															
SM1545		JM/MV/JG/PH	8"	.322"	C	D5	3															
SM1546		JM/MV/JG/SK	8"	.322"	C	D5	3															
SM1547		JM/MV/JG/BH	8"	.322"	C	D5	3															
SM1548		JM/MV/JG/PH	8"	.322"	C	D5	3															
SM1549		JM/MV/JG/SK	8"	.322"	C	D5	3															
SM1550		JM/MV/JG/BH	8"	.322"	C	D5	3															
SM1551		JM/MV/JG/PH	8"	.322"	C	D5	3															
SM1552		JM/MV/JG/SK	8"	.322"	C	D5	3															

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/17/2013	**Page** 1 of 2
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 110 Ci	**KV:** N/A	**MA:** N/A	
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1557		JM/MV/BH	8"	.322"	C	D5	3	1671	/													
SM1558		JM/MV/PH	8"	.322"	C	D5	3	1672	/													
SM1559		JM/MV/SK	8"	.322"	C	D5	3	1673	/													
SM1560		JM/MV/BH	8"	.322"	C	D5	3	1674	/													
SM1561		JM/MV/PH	8"	.322"	C	D5	3	1675	/													
SM1562		JM/MV/SK	8"	.322"	C	D5	3	1676	/													
SM1563		JM/MV/BH	8"	.322"	C	D5	3	1677	/													
SM1564		JM/MV/PH	8"	.322"	C	D5	3	1678	/													
SM1565		JM/MV/SK	8"	.322"	C	D5	3	1679	/													
SM1566		JM/MV/BH	8"	.322"	C	D5	3	1680	/													
SM1567		JM/MV/PH	8"	.322"	C	D5	3	1681	/													
SM1568		JM/MV/SK	8"	.322"	C	D5	3	1682	/													
SM1569		JM/MV/BH	8"	.322"	C	D5	3	1683	/													
SM1570		JM/MV/PH	8"	.322"	C	D5	3	1684	/													
SM1571		JM/MV/SK	8"	.322"	C	D5	3	1685	/													
SM1572		JM/MV/BH	8"	.322"	C	D5	3	1686	/													
SM1573		JM/MV/PH	8"	.322"	C	D5	3	1687	/													
SM1574		JM/MV/SK	8"	.322"	C	D5	3	1688	/													
SM1575		JM/MV/BH	8"	.322"	C	D5	3	1689	/													
SM1576		JM/BH/JG/SK	8"	.322"	C	D5	3	1690	/													

# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
23		3	MILES:160	5:30AM	TO 4:30PM	11

Level II Radiographer: Jeffrey Schmandt

Client Reviewer:

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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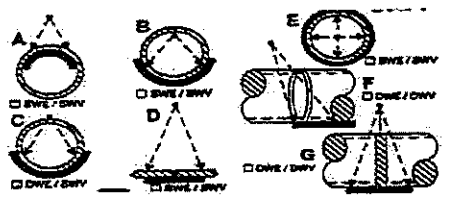
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/17/2013	**Page** 2 **of** 2
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 110 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (In.)	Pipe/Plate Thickness (In.)	Technique	Film Type (D3/D4/D6/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1577		JM/BH/IG/PH	8"	.322"	C	D5	3	1691	/													
SM1578		JM/BH/IG/SK	8"	.322"	C	D5	3	1693	/													
SM1579		JM/BH/IG/PH	8"	.322"	C	D5	3	1692	/													



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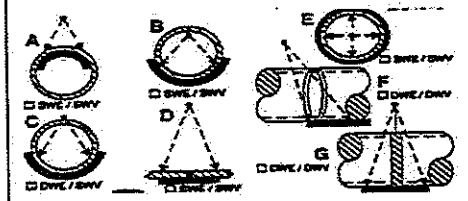
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/22/2013	**Page** 1 of 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 138 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1647		CW/SK	8"	.322"	C	D4	3		/													1765
SM1648		JG/PH	8"	.322"	C	D4	3		/													1766
SM1649		JG/MY	8"	.322"	C	D4	3		/													1767
SM1650		CWMY	8"	.322"	C	D4	3		/													1768
SM1651		CW/SK	8"	.322"	C	D4	3		/													1769
SM1652		JG/PH	8"	.322"	C	D4	3		/													1770
SM1653		JG/MY	8"	.322"	C	D4	3		/													1771
SM1654		CWMY	8"	.322"	C	D4	3			/												1772
SM1655		CW/SK	8"	.322"	C	D4	3		/													1773
SM1656		JG/PH	8"	.322"	C	D4	3		/													1776
SM1657		JG/MY	8"	.322"	C	D4	3		/													1777
SM1658		CWMY	8"	.322"	C	D4	3		/													1778
SM1659		CW/SK	8"	.322"	C	D4	3		/													1779
SM1660		JG/PH	8"	.322"	C	D4	3		/													1780
SM1661		JG/MY	8"	.216"	C	D4	3		/													1781
SM1662		CWMY	8"	.216"	C	D4	3		/													1782
SM1663		CW/SK	8"	.322"	C	D4	3		/													1783
SM1664		JG/PH	8"	.322"	C	D4	3		/													1784
SM1665		JG/MY	8"	.216"	C	D4	3		/													1785
SM1666		CWMY	8"	.216"	C	D4	3		/													1786



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
108		3	MILES:220	5:30AM	TO 8:30PM	15

Level II Radiographer: JOSEPH DALY LEVEL II **Client Reviewer:**

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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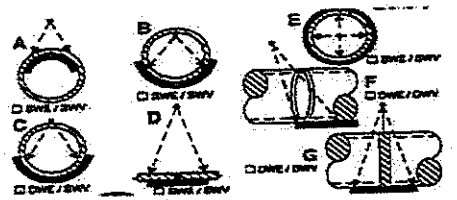
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/22/2013	**Page** 2 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 137 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:	**Film Load:** ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1667		CW/SK	8"	.322"	C	D4	3		/													1787
SM1668		JG/PH	8"	.322"	C	D4	3		/													1788
SM1669		JG/MY	8"	.322"	C	D4	3		/													1789
SM1670		CWMY	8"	.322"	C	D4	3		/													1790
SM1671		CW/SK	8"	.322"	C	D4	3		/													1791
SM1672		JG/PH	8"	.322"	C	D4	3		/													1792
SM1673		JG/MY	8"	.322"	C	D4	3		/													1793
SM1674		CWMY	8"	.322"	C	D4	3		/													1794
SM1675		CW/SK	8"	.322"	C	D4	3		/													1795
SM1676		JG/PH	8"	.322"	C	D4	3		/													1796
SM1677		JG/MY	8"	.322"	C	D4	3		/													1797
SM1678		CWMY	8"	.322"	C	D4	3		/													1798
SM1679		CW/SK	8"	.322"	C	D4	3		/													1799
SM1680		JG/PH	8"	.322"	C	D4	3		/													1800
SM1681		JG/MY	8"	.322"	C	D4	3		/													1801
SM1682		CWMY	8"	.322"	C	D4	3		/													1802
SM1683		CW/SK	8"	.322"	C	D4	3		/													1803
SM1684		JG/PH	8"	.322"	C	D4	3		/													1804
SM1685		JG/MY	8"	.322"	C	D4	3		/													1805
SM1686		CWMY	8"	.322"	C	D4	3		/													1806



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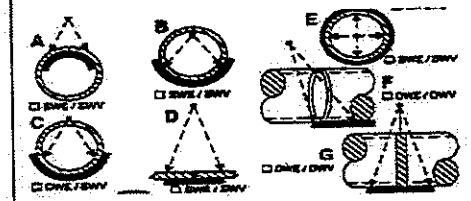
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/22/2013	**Page** 3 of 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 138 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1687		CW/SK	8"	.322"	C	D4	3		/													1807
SM1688		JG/PH	8"	.322"	C	D4	3		/													1808
SM1689		JG/MY	8"	.322"	C	D4	3		/													1809
SM1690		CWMY	8"	.322"	C	D4	3		/													1810
SM1691		CW/SK	8"	.322"	C	D4	3		/													1811
SM1692		JG/PH	8"	.322"	C	D4	3		/													1812
SM1693		JG/MY	8"	.322"	C	D4	3		/													1813
SM1694		CWMY	8"	.322"	C	D3	3		/													1814
SM1695		CW/SK	8"	.322"	C	D3	3		/													1815
SM1696		JG/PH	8"	.322"	C	D3	3		/													1816
SM1697		JG/MY	8"	.322"	C	D3	3		/													1817
SM1698		CWMY	8"	.322"	C	D3	3		/													1818
SM1699		CW/SK	8"	.322"	C	D3	3		/													1819
SM1700		JG/PH	8"	.322"	C	D3	3		/													1820
SM1701		JG/MY	8"	.322"	C	D3	3		/													1821
SM1702		CWMY	8"	.322"	C	D3	3		/													1822
SM1703		CW/SK	8"	.322"	C	D3	3		/													1823
SM1704		JG/PH	8"	.322"	C	D3	3		/													1824
SM1705		JG/MY	8"	.322"	C	D3	3		/													1825
SM1706		CWMY	8"	.322"	C	D3	3		/													1826



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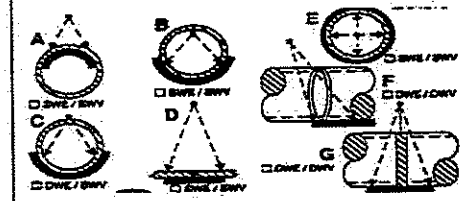
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/22/2013	**Page** 4 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 137 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1707	CW/SK	8"	.322"	C	D4	3		/													1827
SM1708	JG/PH	8"	.322"	C	D4	3		/													1828
SM1709	JG/MY	8"	.322"	C	D4	3		/													1829
SM1710	CWMY	8"	.322"	C	D4	3		/													1830
SM1711	CW/SK	8"	.322"	C	D4	3		/													1831
SM1712	JG/PH	8"	.322"	C	D4	3		/													1832
SM1713	JG/MY	8"	.322"	C	D4	3		/													1833
SM1714	CWMY	8"	.322"	C	D4	3		/													1834
SM1715	CW/SK	8"	.322"	C	D4	3		/													1835
SM1716	JG/PH	8"	.322"	C	D4	3		/													1836
SM1717	JG/MY	8"	.322"	C	D4	3		/													1837
SM1718	CWMY	8"	.322"	C	D4	3		/													1838
SM1719	CW/SK	8"	.322"	C	D4	3		/													1839
SM1720	JG/PH	8"	.322"	C	D4	3		/													1840
SM1721	JG/MY	8"	.322"	C	D4	3		/													1841
SM1722	CWMY	8"	.322"	C	D4	3		/													1842
SM1723	CW/SK	8"	.322"	C	D4	3		/													1843
SM1724	JG/PH	8"	.322"	C	D4	3		/													1844
SM1725	JG/MY	8"	.322"	C	D4	3		/													1845
SM1726	CWMY	8"	.322"	C	D4	3		/													1846



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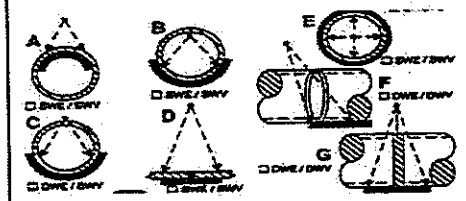
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/22/2013	5 of 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 137 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1727		CWMY	8"	.322"	C	D4	3		/													1847
SM1728		CW/SK	8"	.322"	C	D4	3		/													1848
SM1729		JG/PH	8"	.322"	C	D4	3		/													1849
SM1730		JG/MY	8"	.322"	C	D4	3		/													1850
SM1731		CWMY	8"	.322"	C	D4	3		/													1851
SM1732		CWMY	8"	.322"	C	D4	3		/													1852
SM1733		CW/SK	8"	.322"	C	D4	3		/													1853
SM1734		JG/PH	8"	.322"	C	D4	3		/													1854
SM1735		JG/MY	8"	.322"	C	D4	3		/													1855
SM1736		CWMY	8"	.322"	C	D4	3		/													1856
SM1737		CWMY	8"	.322"	C	D4	3		/													1857
SM1738		CW/SK	8"	.322"	C	D4	3		/													1858
SM1739		JG/PH	8"	.322"	C	D4	3		/													1862#
SM1740		JG/MY	8"	.322"	C	D4	3		/													1860
SM1741		CWMY	8"	.322"	C	D4	3		/													1863
SM1742		CWMY	8"	.322"	C	D4	3		/													1864
SM1743		CW/SK	8"	.322"	C	D4	3		/													1865
SM1744		JG/PH	8"	.322"	C	D4	3		/													1866
SM1745		JG/MY	8"	.322"	C	D4	3		/													1867
SM1746		CWMY	8"	.322"	C	D4	3		/													1868



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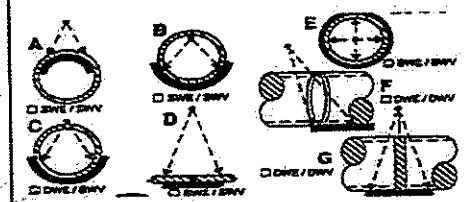
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/22/2013	**Page** 6 of 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 137 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ **Diag:**		**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1747		JG/PH	8"	.322"	C	D4	3		/													1869
SM1748		JG/MY	8"	.322"	C	D4	3		/													1870
SM1749		CWMY	8"	.322"	C	D4	3		/													1871
SM1750		JG/PH	8"	.322"	C	D4	3		/													1872
SM1751		JG/MY	8"	.322"	C	D4	3		/													1873
SM1752		CWMY	8"	.322"	C	D4	3		/													1874
SM1753		JG/PH	8"	.322"	C	D4	3		/													1875
SM1654R		JG/MY	8"	.322"	C	D4	3		/													1772



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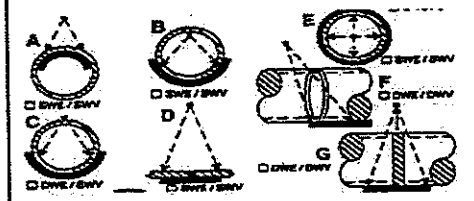
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/23/2013	**Page** 1 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1774		CN/JM/JG/BH	8"	.322"	C	D5	3	1898	/													
SM1775		CN/JM/SK/PH	8"	.322"	C	D5	3	1899	/													
SM1776		CN/JM/JG/BH	8"	.322"	C	D5	3	1900	/													
SM1777		CN/JM/SK/PH	8"	.322"	C	D5	3	1901	/													
SM1778		CN/JM/JG/BH	8"	.322"	C	D5	3	1902	/													
SM1779		CN/JM/SK/PH	8"	.322"	C	D5	3	1903	/													
SM1780		CN/JM/JG/BH	8"	.322"	C	D5	3	1904	/													
SM1781		CN/JM/SK/PH	8"	.322"	C	D5	3	1905	/													
SM1782		CN/JM/JG/BH	8"	.322"	C	D5	3	1906	/													
SM1783		CN/JM/SK/PH	8"	.322"	C	D5	3	1907	/													
SM1784		CN/JM/JG/BH	8"	.322"	C	D5	3	1908		X		X										REPAIR
SM1785		CN/JM/SK/PH	8"	.322"	C	D5	3	1909	/													
SM1786		CN/JM/JG/BH	8"	.322"	C	D5	3	1910	/													
SM1787		CN/JM/SK/PH	8"	.322"	C	D5	3	1911	/													
SM1788		CN/JM/JG/BH	8"	.322"	C	D5	3	1912	/													
SM1789		CN/JM/SK/PH	8"	.322"	C	D5	3	1913	/													
SM1790		CN/JM/JG/BH	8"	.322"	C	D5	3	1914	/													
SM1791		CN/JM/SK/PH	8"	.322"	C	D5	3	1915	/													
SM1792		CN/JM/JG/BH	8"	.322"	C	D5	3	1916	/													
SM1793		CN/JM/SK/PH	8"	.322"	C	D5	3	1917	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
120		3	MILES:160	5:00AM	TO 8:30PM	15.5

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/23/2013	**Page** 2 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1794		CN/JM/CW/BH	8"	.322"	C	D5	3	1582	/													
SM1795		CN/JM/JG/PH	8"	.322"	C	D5	3	1583	/													
SM1796		CN/JM/CW/BH	8"	.322"	C	D5	3	1581	/													
SM1797		CN/JM/JG/PH	8"	.322"	C	D5	3	1918	/													
SM1798		CN/JM/CW/BH	8"	.322"	C	D5	3	1919	/													
SM1799		CN/JM/JG/PH	8"	.322"	C	D5	3	1920	/													
SM1800		CN/JM/CW/BH	8"	.322"	C	D5	3	1921	/													
SM1801		CN/JM/JG/PH	8"	.322"	C	D5	3	1922	/													
SM1802		CN/JM/CW/BH	8"	.322"	C	D5	3	1923	/													
SM1803		CN/JM/JG/PH	8"	.322"	C	D5	3	1924	/													
SM1804		CN/JM/CW/BH	8"	.322"	C	D5	3	1925	/													
SM1805		CN/JM/JG/PH	8"	.322"	C	D5	3	1951	/													
SM1806		CN/JM/CW/BH	8"	.322"	C	D5	3	1952	/													
SM1807		CN/JM/JG/PH	8"	.322"	C	D5	3	1953	/													
SM1808		CN/JM/CW/BH	8"	.322"	C	D5	3	1954	/													
SM1809		CN/JM/JG/PH	8"	.322"	C	D5	3	1955	/													
SM1810		CN/JM/CW/BH	8"	.322"	C	D5	3	1956	/													
SM1811		CN/JM/JG/PH	8"	.322"	C	D5	3	1957	/													
SM1812		CN/JM/CW/BH	8"	.322"	C	D5	3	1958	/													
SM1813		CN/JM/JG/PH	8"	.322"	C	D5	3	1959	/													

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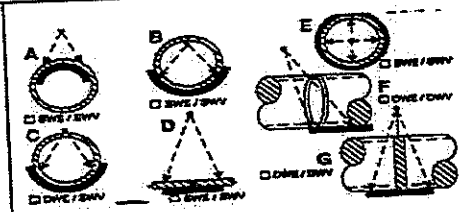
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT	Date: 7/23/2013	Page 3 of 6
Client Job No: SUMMIT MIDSTREAM	AFE No.:	Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:	Accept. Standard: API 1104 20TH ED
PO # N/A	Radiation Source: IR-192	Source Strength: 100 Ci	KV: N/A MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size: ☐ .05 ☑ .16 ☑	Diag: Film Load: ☑ Single ☐ Double



Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (03/04/05/07,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1814	CN/JM/JG/MV		8"	.322"	C	D5	3	1940	/													
SM1815	CN/JM/JG/SK		8"	.322"	C	D5	3	1941	/													
SM1816	CN/JM/JG/MV		8"	.322"	C	D5	3	1942	/													
SM1817	CN/JM/JG/SK		8"	.322"	C	D5	3	1943	/													
SM1818	CN/JM/JG/MV		8"	.322"	C	D5	3	1944	/													
SM1819	CN/JM/JG/SK		8"	.322"	C	D5	3	1945	/													
SM1820	CN/JM/JG/MV		8"	.322"	C	D5	3	1946	/													
SM1821	CN/JM/JG/SK		8"	.322"	C	D5	3	1947	/													
SM1822	CN/JM/JG/MV		8"	.322"	C	D5	3	1948	/													
SM1823	CN/JM/JG/SK		8"	.322"	C	D5	3	1949	/													
SM1824	CN/JM/JG/MV		8"	.322"	C	D5	3	1950	/													
SM1825	CN/JM/JG/SK		8"	.322"	C	D5	3	1951	/													
SM1826	CN/JM/JG/MV		8"	.322"	C	D5	3	1952		X		X			X							CRACK
SM1827	CN/JM/JG/SK		8"	.322"	C	D5	3	1953	/													
SM1828	CN/JM/JG/MV		8"	.322"	C	D5	3	1954	/													
SM1829	CN/JM/JG/SK		8"	.322"	C	D5	3	1955	/													
SM1830	CN/JM/JG/MV		8"	.322"	C	D5	3	1956	/													
SM1831	CN/JM/JG/SK		8"	.322"	C	D5	3	1957	/													
SM1832	CN/JM/JG/MV		8"	.322"	C	D5	3	1958	/													
SM1833	CN/JM/JG/SK		8"	.322"	C	D5	3	1959	/													

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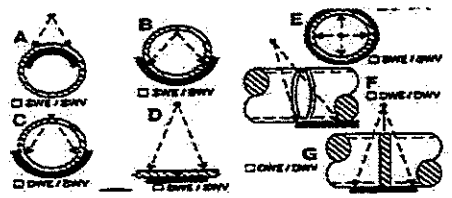
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/23/2013	**Page** 4 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,60,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1834		CN/JM/CW/MV	8"	.322"	C	D5	3	1960	/													
SM1835		CN/JM/JG/BH	8"	.322"	C	D5	3	1961	/													
SM1836		CN/JM/CW/MV	8"	.322"	C	D5	3	1962	/													
SM1837		CN/JM/JG/BH	8"	.322"	C	D5	3	1963	/													
SM1838		CN/JM/CW/MV	8"	.322"	C	D5	3	1964	/													
SM1839		CN/JM/JG/BH	8"	.322"	C	D5	3	1965	/													
SM1840		CN/JM/CW/MV	8"	.322"	C	D5	3	1966	/													
SM1841		CN/JM/JG/BH	8"	.322"	C	D5	3	1967		X		X										C2
SM1842		CN/JM/CW/MV	8"	.322"	C	D5	3	1968	/													
SM1843		CN/JM/JG/BH	8"	.322"	C	D5	3	1969	/													
SM1844		CN/JM/CW/MV	8"	.322"	C	D5	3	1970	/													
SM1845		CN/JM/JG/BH	8"	.322"	C	D5	3	1971	/													
SM1846		CN/JM/CW/MV	8"	.322"	C	D5	3	1972	/													
SM1847		CN/JM/JG/BH	8"	.322"	C	D5	3	1973	/													
SM1848		CN/JM/CW/MV	8"	.322"	C	D5	3	1974	/													
SM1849		CN/JM/JG/BH	8"	.322"	C	D5	3	1975	/													
SM1850		CN/JM/CW/MV	8"	.322"	C	D5	3	1976	/													
SM1851		CN/JM/JG/BH	8"	.322"	C	D5	3	1977	/													
SM1852		CN/JM/CW/MV	8"	.322"	C	D5	3	1978	/													
SM1853		CN/JM/JG/BH	8"	.322"	C	D5	3	1979	/													



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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/23/2013	**Page** 5 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D6/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1854		CN/JM/SK/BH	8"	.322"	C	D5	3	1980	/													
SM1855		CN/JM/CW/PH	8"	.322"	C	D5	3	1981	/													
SM1856		CN/JM/SK/BH	8"	.322"	C	D5	3	1982	/													
SM1857		CN/JM/CW/PH	8"	.322"	C	D5	3	1983	/													
SM1858		CN/JM/SK/BH	8"	.322"	C	D5	3	1984	/													
SM1859		CN/JM/CW/PH	8"	.322"	C	D5	3	1985	/													
SM1860		CN/JM/SK/BH	8"	.322"	C	D5	3	1986	/													
SM1861		CN/JM/CW/PH	8"	.322"	C	D5	3	1987	/													
SM1862		CN/JM/SK/BH	8"	.322"	C	D5	3	1988	/													
SM1863		CN/JM/CW/PH	8"	.322"	C	D5	3	1989	/													
SM1864		CN/JM/SK/BH	8"	.322"	C	D5	3	1990	/													
SM1865		CN/JM/CW/PH	8"	.322"	C	D5	3	1991	/													
SM1866		CN/JM/SK/BH	8"	.322"	C	D5	3	1992	/													
SM1867		CN/JM/CW/PH	8"	.322"	C	D5	3	1993	/													
SM1868		CN/JM/SK/BH	8"	.322"	C	D5	3	1994	/													
SM1869		CN/JM/CW/PH	8"	.322"	C	D5	3	1995	/													
SM1870		CN/JM/SK/BH	8"	.322"	C	D5	3	1996	/													
SM1871		CN/JM/CW/PH	8"	.322"	C	D5	3	1997	/													
SM1872		CN/JM/SK/BH	8"	.322"	C	D5	3	1998	/													
SM1873		CN/JM/CW/PH	8"	.322"	C	D5	3	2012	/													

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/23/2013	**Page** 6 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .1☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1874	CN/JM/CW/SK	8"	.322"	C	D5	3	2013	/													
SM1875	CN/JM/JG/BH	8"	.322"	C	D5	3	2014	/													
SM1876	CN/JM/CW/PH	8"	.322"	C	D5	3	2015	/													
SM1877	CN/JM/CW/SK	8"	.322"	C	D5	3	2016	/													
SM1878	CN/JM/JG/BH		.322"	C	D5	3	2017	/.													
SM1879	CN/JM/CW/PH	8"	.322"	C	D5	3	2018	/													
SM1880	CN/JM/CW/SK	8"	.322"	C	D5	3	2019	/													
SM1881	CN/JM/JG/BH	8"	.322"	C	D5	3	2020	/													
SM1882	CN/JM/CW/PH	8"	.322"	C	D5	3	2021	/													
SM1883	CN/JM/CW/SK	8"	.322"	C	D5	3	2022	/													
SM1884	CN/JM/JG/BH	8"	.322"	C	D5	3	2023	/													
SM1885	CN/JM/CW/PH	8"	.322"	C	D5	3	2024	/													
SM1886	CN/JM/CW/SK	8"	.322"	C	D5	3	2025	/													
SM1887	CN/JM/JG/BH	8"	.322"	C	D5	3	2026	/													
SM1888	CN/JM/CW/PH	8"	.322"	C	D5	3	2027	/													
SM1889	CN/JM/CW/SK	8"	.322"	C	D5	3	2028	/													
SM1890	CN/JM/JG/BH	8"	.322"	C	D5	3	2029	/													
SM1891	CN/JM/CW/PH	8"	.322"	C	D5	3	2030	/													
SM1892	CN/JM/CW/SK	8"	.322"	C	D5	3	2031	/													
SM1893	CN/JM/JG/BH	8"	.322"	C	D5	3	2032	/													

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/23/2013	**Page** 1 **of** 2
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**		**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192		**Source Strength:** 55 Ci	**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1754		CN/JM/CW/BH	8"	.322"	C	D5	3	1878	/													
SM1755		CN/JM/JG/MV	8"	.322"	C	D5	3	1879	/													
SM1756		CN/JM/CW/PH	8"	.322"	C	D5	3	1880	/													
SM1757		CN/JM/JG/SK	8"	.322"	C	D5	3	1881	/													
SM1758		CN/JM/CW/BH	8"	.322"	C	D5	3	1882	/													
SM1759		CN/JM/JG/MV	8"	.322"	C	D5	3	1883	/													
SM1760		CN/JM/CW/PH	8"	.322"	C	D5	3	1884	/													
SM1761		CN/JM/JG/SK	8"	.322"	C	D5	3	1885	/													
SM1762		CN/JM/CW/BH	8"	.322"	C	D5	3	1886	/													
SM1763		CN/JM/JG/MV	8"	.322"	C	D5	3	1887	/													
SM1764		CN/JM/CW/PH	8"	.322"	C	D5	3	1888	/													
SM1765		CN/JM/JG/SK	8"	.322"	C	D5	3	1889	/													
SM1766		CN/JM/CW/BH	8"	.322"	C	D5	3	1890	/													
SM1767		CN/JM/JG/MV	8"	.322"	C	D5	3	1891	/													
SM1768		CN/JM/CW/PH	8"	.322"	C	D5	3	1892	/													
SM1769		CN/JM/JG/SK	8"	.322"	C	D5	3	1893	/													
SM1770		CN/JM/CW/BH	8"	.322"	C	D5	3	1894	/													
SM1771		CN/JM/JG/MV	8"	.322"	C	D5	3	1895	/													
SM1772		CN/JM/CW/PH	8"	.322"	C	D5	3	1896	/													
SM1773		CN/JM/JG/SK	8"	.322"	C	D5	3	1897	/													

# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
32		2	MILES:160	5:30AM	TO 8:30PM	15

Level II Radiographer: TIMOTHY BRELJE **Client Reviewer:**

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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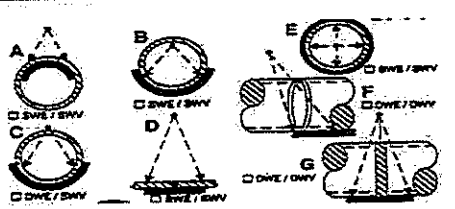
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/24/2013	**Page** 1 **of** 2
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 55 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ **Diag:**		**Film Load:** ☑ **Single** ☐ **Double**	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1895		CN/JM/SK/BH	8"	.322"	C	D5	3	2034	/													
SM1896		CN/JM/JG/PH	8"	.322"	C	D5	3	2035	/													
SM1897		CN/JM/SK/MV	8"	.322"	C	D5	3	2036	/													
SM1898		CN/JM/JG/BH	8"	.322"	C	D5	3	2037	/													
SM1899		CN/JM/SK/PH	8"	.322"	C	D5	3	2038	/													
SM1900		CN/JM/JG/MV	8"	.322"	C	D5	3	2039	/													
SM1901		CN/JM/SK/BH	8"	.322"	C	D5	3	2041	/													
SM1902		CN/JM/JG/PH	8"	.322"	C	D5	3	2044	/													
SM1903		CN/JM/SK/MV	8"	.322"	C	D5	3	2042	/													
SM1904		CN/JM/JG/BH	8"	.322"	C	D5	3	2045	/													
SM1905		CN/JM/SK/PH	8"	.322"	C	D5	3	2046	/													
SM1906		CN/JM/JG/MV	8"	.322"	C	D5	3	2047	/													
SM1907		CN/JM/SK/BH	8"	.322"	C	D5	3	2048	/													
SM1908		CN/JM/JG/PH	8"	.322"	C	D5	3	2049	/													
SM1909		CN/JM/SK/MV	8"	.322"	C	D5	3	2050	/													
SM1910		CN/JM/JG/BH	8"	.322"	C	D5	3	2051	/													
SM1911		CN/JM/SK/PH	8"	.322"	C	D5	3	2052	/													
SM1912		CN/JM/JG/MV	8"	.322"	C	D5	3	2053	/													
SM1913		CN/JM/SK/BH	8"	.322"	C	D5	3	2054	/													
SM1914		CN/JM/JG/PH	8"	.322"	C	D5	3	2055	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
34		2	MILES:160	5:00AM	TO 7:30PM	14.5

Level II Radiographer: TIMOTHY BRELJE **Client Reviewer:**

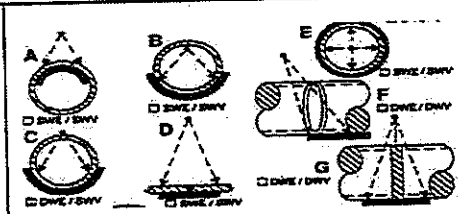
This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT			Date: 7/25/2013	Page 1 of 2
Client Job : SUMMIT MIDSTREAM	AFE No.:			Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:		Accept. Standard: API 1104 20TH ED	
PO # N/A	Radiation Source: IR-192	Source Strength: 54 Ci		KV: N/A	MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size (in.): ☐ .05 ☑ .16 ☑	Diag:	Film Load: ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/MD5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2009		CN/MV/JG/GO	8"	.322"	C	D5	3	2158	/													
SM2010		CN/MV/CN/GO	8"	.322"	C	D5	3	2159	/													
SM2011		CN/MV/JG/GO	8"	.322"	C	D5	3	2160	/													
SM2012		CN/MV/CN/GO	8"	.322"	C	D5	3	2161	/													
SM2013		CN/MV/JG/GO	8"	.322"	C	D5	3	2162	/													
SM2014		CN/MV/CN/GO	8"	.322"	C	D5	3	2163	/													
SM2015		CN/MV/JG/GO	8"	.322"	C	D5	3	2164	/													
SM2016		CN/MV/CN/GO	8"	.322"	C	D5	3	2165	/													
SM2017		CN/MV/JG/GO	8"	.322"	C	D5	3	2166	/													
SM2018		CN/MV/CN/GO	8"	.322"	C	D5	3	2167	/													
SM2019		CN/MV/JG/GO	8"	.322"	C	D5	3	2168	/													
SM2020		CN/MV/CN/GO	8"	.322"	C	D5	3	2169	/													
SM2021		CN/MV/JG/GO	8"	.322"	C	D5	3	2170	/													
SM2022		CN/MV/CN/GO	8"	.322"	C	D5	3	2171	/													
SM2023		CN/MV/JG/GO	8"	.322"	C	D5	3	2172	/													
SM2024		CN/MV/CN/GO	8"	.322"	C	D5	3	2173	/													
SM2025		CN/MV/JG/GO	8"	.322"	C	D5	3	2174	/													
SM2026		CN/MV/CN/GO	8"	.322"	C	D5	3	2175	/													
SM2027		CN/MV/JG/GO	8"	.322"	C	D5	3	2178	/													
SM2028		CN/MV/JG/GO	8"	.322"	C	D5	3	2182	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
30		2	MILES:160	5:30AM	TO 7:30PM	14

Level II Radiographer: JOSEPH DALY LEVEL II

Client Reviewer:

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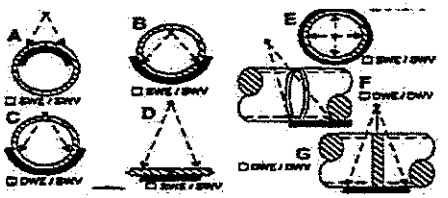
BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT		**Date:** 7/24/2013	**Page** 1 **of** 5	
Client Job : SUMMIT MIDSTREAM	**AFE No.:**		**Project Location:** FORTUNA, ND		
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED		
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A	**MA:** N/A	
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1894		CN/MV/SK/MV	8"	.322"	C	D5	3	2033	/													
SM1915		CN/MV/JG/MV	8"	.322"	C	D5	3	2056	/													
SM1916		CN/MV/SK/GO	8"	.322"	C	D5	3	2057	/													
SM1917		CN/MV/JG/PH	8"	.322"	C	D5	3	2058	/													
SM1918		CN/MV	8"	.322"	C	D5	3	2059	/													
SM1919		SK/GO	8"	.322"	C	D5	3	2060	/													
SM1920		SK/PH	8"	.322"	C	D5	3	2061	/													
SM1921		JG/MV	8"	.322"	C	D5	3	2062	/													
SM1922		JG/GO	8"	.322"	C	D5	3	2063	/													
SM1923		SK/PH	8"	.322"	C	D5	3	2064	/													
SM1924		JG/MV	8"	.322"	C	D5	3	2065	/													
SM1925		MV/GO	8"	.322"	C	D5	3	2066	/													
SM1926		SK/GO	8"	.322"	C	D5	3	2067	/													
SM1927		JG/PH	8"	.322"	C	D5	3	2068	/													
SM1928		SK/GO	8"	.322"	C	D5	3	2069	/													
SM1929		JG/PH	8"	.322"	C	D5	3	2070	/													
SM1930		SK/BH	8"	.322"	C	D5	3	2074	/													
SM1931		JG/GO	8"	.322"	C	D5	3	2075	/													
SM1932		SK/PH	8"	.322"	C	D5	3	2076	/													
SM1933		JG/MV	8"	.322"	C	D5	3	2077	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
95		3	MILES:160	5:00AM	TO 6:30PM	13.5

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

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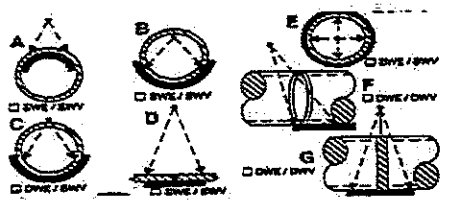
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/24/2013	**Page** 2 **of** 5
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .1 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1934		SK/MV	8"	.322"	C	D5	3	2078	/													
SM1935		JG/GO	8"	.322"	C	D5	3	2079	/													
SM1936		SK/PH	8"	.322"	C	D5	3	2080	/													
SM1937		JG/MV	8"	.322"	C	D5	3	2081	/													
SM1938		SK/PH	8"	.322"	C	D5	3	2082	/													
SM1939		JG/GO	8"	.322"	C	D5	3	2083	/													
SM1940		SK/PH	8"	.322"	C	D5	3	2084	/													
SM1941		JG/MV	8"	.322"	C	D5	3	2085	/													
SM1942		SK/BH	8"	.322"	C	D5	3	2086	/													
SM1943		JG/BH	8"	.322"	C	D5	3	2087	/													
SM1944		SK/PH	8"	.322"	C	D5	3	2088	/													
SM1945		JG/MV	8"	.322"	C	D5	3	2089	/													
SM1946		SK_	8"	.322"	C	D5	3	2090	/													
SM1947		BH	8"	.322"	C	D5	3	2091	/													
SM1948		JG/PH	8"	.322"	C	D5	3	2092	/													
SM1949		JG/MV	8"	.322"	C	D5	3	2093	/													
SM1950		SK/GO	8"	.322"	C	D5	3	2094	/													
SM1951		JG/PH	8"	.322"	C	D5	3	2095	/													
SM1952		BH/MV	8"	.322"	C	D5	3	2096	/													
SM1953		SK/GO	8"	.322"	C	D5	3	2097	/													



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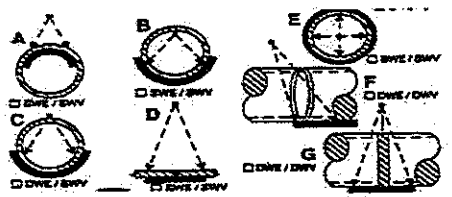
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/24/2013	**Page** 3 **of** 5
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1954		JG/PH	8"	.322"	C	D5	3	2098	/													
SM1955		SK/MV	8"	.322"	C	D5	3	2099	/													
SM1956		JG/BH	8"	.322"	C	D5	3	2100	/													
SM1957		SK/PH	8"	.322"	C	D5	3	2101	/													
SM1958		BH/MV	8"	.322"	C	D5	3	2102	/													
SM1959		SK/GO	8"	.322"	C	D5	3	2103	/													
SM1960		JG	8"	.322"	C	D5	3	2104	/													
SM1961		SK/JG	8"	.322"	C	D5	3	2105	/													
SM1962		SK	8"	.322"	C	D5	3	2106	/													
SM1963		GO	8"	.322"	C	D5	3	2111	/													
SM1964		GO	8"	.322"	C	D5	3	2112	/													
SM1965		GO	8"	.322"	C	D5	3	2113	/													
SM1966		GO	8"	.322"	C	D5	3	2114	/													
SM1967		GO	8"	.322"	C	D5	3	2115	/													
SM1968		GO	8"	.322"	C	D5	3	2116	/													
SM1969		GO	8"	.322"	C	D5	3	2117	/													
SM1970		GO	8"	.322"	C	D5	3	2118	/													
SM1971		GO	8"	.322"	C	D5	3	2119	/													
SM1972		GO	8"	.322"	C	D5	3	2120	/													
SM1973		GO	8"	.322"	C	D5	3	2121	/													



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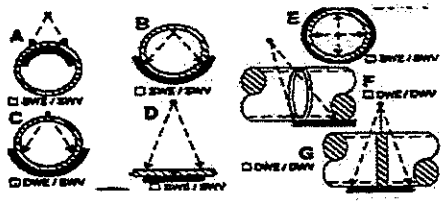
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/24/2013	**Page** 4 **of** 5
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1974		GO	8"	.322"	C	D5	3	2122	/													
SM1975		GO	8"	.322"	C	D5	3	2123	/													
SM1976		GO	8"	.322"	C	D5	3	2124	/													
SM1977		GO	8"	.322"	C	D5	3	2125	/													
SM1978		GO	8"	.322"	C	D5	3	2126	/													
SM1979		GO	8"	.322"	C	D5	3	2127	/													
SM1980		GO	8"	.322"	C	D5	3	2128	/													
SM1981		GO	8"	.322"	C	D5	3	2129	/													
SM1982		GO	8"	.322"	C	D5	3	2130	/													
SM1983		GO	8"	.322"	C	D5	3	2131	/													
SM1984		GO	8"	.322"	C	D5	3	2132	/													
SM1985		GO	8"	.322"	C	D5	3	2133	/													
SM1986		GO	8"	.322"	C	D5	3	2134	/													
SM1987		GO	8"	.322"	C	D5	3	2135	/													
SM1988		GO	8"	.322"	C	D5	3	2136	/													
SM1989		SK/GO	8"	.322"	C	D5	3	2137	/													
SM1990		JG/GO	8"	.322"	C	D5	3	2138	/													
SM1991		JG/GO	8"	.322"	C	D5	3	2139	/													
SM1992		JG/MV	8"	.322"	C	D5	3	2140	/													
SM1993		JG/GO	8"	.322"	C	D5	3	2141	/													



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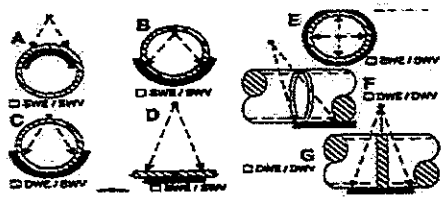
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/24/2013	**Page** 5 **of** 5
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .1 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM1994		JG/MV	8"	.322"	C	D5	3	2142	/													
SM1995		JG/MV	8"	.322"	C	D5	3	2143	/													
SM1996		JG/MV	8"	.322"	C	D5	3	2144	/													
SM1997		JG/MV	8"	.322"	C	D5	3	2145	/													
SM1998		CN/GO	8"	.322"	C	D5	3	2146	/													
SM1999		JG/MV	8"	.322"	C	D5	3	2147	/													
SM2000		CN/GO	8"	.322"	C	D5	3	2148	/													
SM2001		JG/MV	8"	.322"	C	D5	3	2149	/													
SM2002		CN/MV	8"	.322"	C	D5	3	2150	/													
SM2003		JG/GO	8"	.322"	C	D5	3	2151	/													
SM2004		CN/MV	8"	.322"	C	D5	3	2152	/													
SM2005		JG/GO	8"	.322"	C	D5	3	2153	/													
SM2006		CN/MV	8"	.322"	C	D5	3	2154	/													
SM2007		JG/GO	8"	.322"	C	D5	3	2155	/													
SM2008		CN/GO	8"	.322"	C	D5	3	2157	/													



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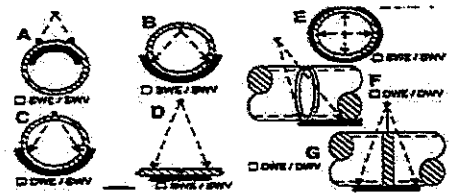
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/25/2013	**Page** 1 of 4
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2030	CN/MV/SK/MV	8"	.322"	C	D5	3	2184	/													
SM2031	CN/MV/JG/MV	8"	.322"	C	D5	3	2185	/													
SM2032	CN/MV/SK/GO	8"	.322"	C	D5	3	2186	/													
SM2033	CN/MV/JG/PH	8"	.322"	C	D5	3	2187	/													
SM2034	CN/MV	8"	.322"	C	D5	3	2188	/													
SM2035	SK/GO	8"	.322"	C	D5	3	2189	/													
SM2036	SK/PH	8"	.322"	C	D5	3	2190	/													
SM2037	JG/MV	8"	.322"	C	D5	3	2191	/													
SM2038	JG/GO	8"	.322"	C	D5	3	2192	/													
SM2039	SK/PH	8"	.322"	C	D5	3	2193	/													
SM2040	JG/MV	8"	.322"	C	D5	3	2194	/													
SM2041	MV/GO	8"	.322"	C	D5	3	2195	/													
SM2042	SK/GO	8"	.322"	C	D5	3	2197	/													
SM2043	JG/PH	8"	.322"	C	D5	3	2198	/													
SM2044	SK/GO	8"	.322"	C	D5	3	2199	/													
SM2045	JG/PH	8"	.322"	C	D5	3	2200	/													
SM2046	SK/BH	8"	.322"	C	D5	3	2201	/													
SM2047	JG/GO	8"	.322"	C	D5	3	2202	/													
SM2048	SK/PH	8"	.322"	C	D5	3	2203	/													
SM2049	JG/MV	8"	.322"	C	D5	3	2204	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL	3	Travel				Total Hours
80			MILES:160	5:00AM	TO	7:30PM	14.5

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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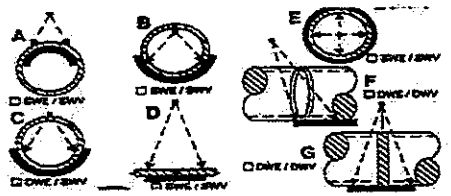
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/25/2013	**Page** 2 **of** 4
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,80,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2050	SK/MV	8"	.322"	C	D5	3	2205	/													
SM2051	JG/GO	8"	.322"	C	D5	3	2206	/													
SM2052	SK/PH	8"	.322"	C	D5	3	2207	/													
SM2053	JG/MV	8"	.322"	C	D5	3	2208	/													
SM2054	SK/PH	8"	.322"	C	D5	3	2209	/													
SM2055	JG/GO	8"	.322"	C	D5	3	2210	/													
SM2056	SK/PH	8"	.322"	C	D5	3	2211	/													
SM2057	JG/MV	8"	.322"	C	D5	3	2212	/													
SM2058	SK/BH	8"	.322"	C	D5	3	2213	/													
SM2059	JG/BH	8"	.322"	C	D5	3	2214	/													
SM2060	SK/PH	8"	.322"	C	D5	3	2215	/													
SM2061	JG/MV	8"	.322"	C	D5	3	2216	/													
SM2062	SK	8"	.322"	C	D5	3	2217	/													
SM2063	BH	8"	.322"	C	D5	3	2218	/													
SM2064	JG/PH	8"	.322"	C	D5	3	2219	/													
SM2065	JG/MV	8"	.322"	C	D5	3	2220	/													
SM2066	SK/GO	8"	.322"	C	D5	3	2221	/													
SM2067	JG/PH	8"	.322"	C	D5	3	2222	/													
SM2068	BH/MV	8"	.322"	C	D5	3	2223	/													
SM2069	SK/GO	8"	.322"	C	D5	3	2224	/													



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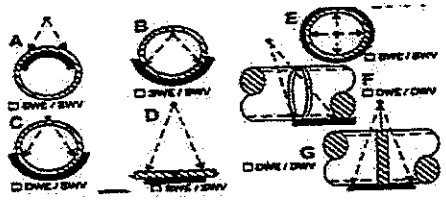
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT			Date: 7/25/2013	Page 3 of 4
Client Job No: SUMMIT MIDSTREAM	AFE No.:			Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:		Accept. Standard: API 1104 20TH ED	
PO # N/A	Radiation Source: IR-192	Source Strength: 100 Ci		KV: N/A	MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size: ☐ .05 ☑ .16 ☑	Diag:	Film Load: ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D6/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2070		JG/PH	8"	.322"	C	D5	3	2225	/													
SM2071		SK/MV	8"	.322"	C	D5	3	2226	/													
SM2072		JG/BH	8"	.322"	C	D5	3	2227	/													
SM2073		SK/PH	8"	.322"	C	D5	3	2228	/													
SM2074		BH/MV	8"	.322"	C	D5	3	2229	/													
SM2075		SK/GO	8"	.322"	C	D5	3	2230	/													
SM2076		SK/MV	8"	.322"	C	D5	3	2231	/													
SM2077		JG/BH	8"	.322"	C	D5	3	2232	/													
SM2078		SK/PH	8"	.322"	C	D5	3	2233	/													
SM2079		BH/MV	8"	.322"	C	D5	3	2234	/													
SM2080		SK/GO	8"	.322"	C	D5	3	2235	/													
SM2081		SK/MV	8"	.322"	C	D5	3	2236	/													
SM2082		JG/BH	8"	.322"	C	D5	3	2237	/													
SM2083		SK/PH	8"	.322"	C	D5	3	2238	/													
SM2084		BH/MV	8"	.322"	C	D5	3	2239	/													
SM2085		SK/GO	8"	.322"	C	D5	3	2240	/													
SM2086		SK/MV	8"	.322"	C	D5	3	2241	/													
SM2087		JG/BH	8"	.322"	C	D5	3	2242	/													
SM2088		SK/PH	8"	.322"	C	D5	3	2243	/													
SM2089		BH/MV	8"	.322"	C	D5	3	2244	/													



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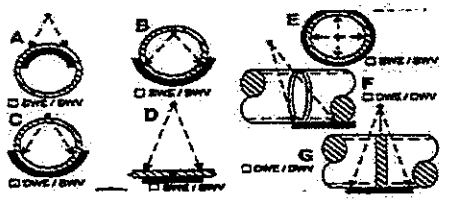
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/25/2013	**Page** 4 **of** 4
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2090		AH/JG	8"	.322"	C	D5	3	2245	/													
SM2091		AH/CW	8"	.322"	C	D5	3	2246	/													
SM2092		MV/GO	8"	.322"	C	D5	3	2247	/													
SM2093		MV/CW	8"	.322"	C	D5	3	2248	/													
SM2094		JG/AH	8"	.322"	C	D5	3	2249	/													
SM2095		JG/CW	8"	.322"	C	D5	3	2250	/													
SM2096		AH/JG	8"	.322"	C	D5	3	2251	/													
SM2097		AH/CW	8"	.322"	C	D5	3	2252	/													
SM2098		MV/GO	8"	.322"	C	D5	3	2253	/													
SM2099		MV/CW	8"	.322"	C	D5	3	2254	/													
SM2100		JG/AH	8"	.322"	C	D5	3	2255	/													
SM2101		JG/CW	8"	.322"	C	D5	3	2256	/													
SM2102		AH/JG	8"	.322"	C	D5	3	2257	/													
SM2103		AH/CW	8"	.322"	C	D5	3	2258	/													
SM2104		MV/GO	8"	.322"	C	D5	3	2259	/													
SM2105		MV/CW	8"	.322"	C	D5	3	2260	/													
SM2106		JG/AH	8"	.322"	C	D5	3	2261	/													
SM2107		JG/CW	8"	.322"	C	D5	3	2262	/													
SM2108		AH/JG	8"	.322"	C	D5	3	2263	/													
SM2109		AH/CW	8"	.322"	C	D5	3	2264	/													



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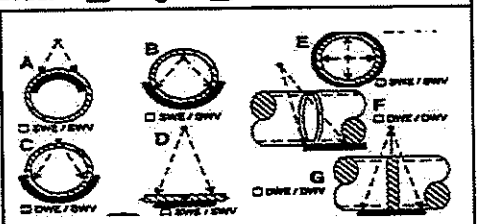
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/26/2013	**Page** 1 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ **Single** ☐ **Double**

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2110		CN/JM/JG/MV	8"	.322"	C	D5	3	2265	/													
SM2111		CN/JM/MV/AH	8"	.322"	C	D5	3	2267	/													
SM2112		CN/JM/JG/GO	8"	.322"	C	D5	3	2268	/													
SM2113		CN/JM/JG/AH	8"	.322"	C	D5	3	2269	/													
SM2114		CN/JM/MV/CW	8"	.322"	C	D5	3	2270	/													
SM2115		CN/JM/JG/MV	8"	.322"	C	D5	3	2271	/													
SM2116		CN/JM/JG/MV	8"	.322"	C	D5	3	2272	/													
SM2117		CN/JM/MV/AH	8"	.322"	C	D5	3	2275	/													
SM2118		CN/JM/JG/GO	8"	.322"	C	D5	3	2276	/													
SM2119		CN/JM/JG/AH	8"	.322"	C	D5	3	2277	/													
SM2120		CN/JM/MV/CW	8"	.322"	C	D5	3	2282	/													
SM2121		CN/JM/JG/MV	8"	.322"	C	D5	3	2283	/													
SM2122		CN/JM/JG/MV	8"	.322"	C	D5	3	2284	/													
SM2123		CN/JM/MV/AH	8"	.322"	C	D5	3	2285	/													
SM2124		CN/JM/JG/GO	8"	.322"	C	D5	3	2286	/													
SM2125		CN/JM/JG/AH	8"	.322"	C	D5	3	2287	/													
SM2126		CN/JM/MV/CW	8"	.322"	C	D5	3	2288	/													
SM2127		CN/JM/JG/MV	8"	.322"	C	D5	3	2289	/													
SM2128		CN/JM/JG/MV	8"	.322"	C	D5	3	2290	/													
SM2129		CN/JM/MV/AH	8"	.322"	C	D5	3	2291	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
118		3	MILES:160	5:00AM	TO 8:30PM	15.5

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/26/2013	**Page** 2 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2130		CN/JM/CW/GO	8"	.322"	C	D5	3	2292	/													
SM2131		CN/JM/MV/CW	8"	.322"	C	D5	3	2293	/													
SM2132		CN/JM/CW/PH	8"	.322"	C	D5	3	2294	/													
SM2133		CN/JM/MV/SK	8"	.322"	C	D5	3	2295	/													
SM2134		CN/JM/CW/GO	8"	.322"	C	D5	3	2296	/													
SM2135		CN/JM/MV/CW	8"	.322"	C	D5	3	2297	/													
SM2136		CN/JM/CW/PH	8"	.322"	C	D5	3	2298	/													
SM2137		CN/JM/MV/SK	8"	.322"	C	D5	3	2299	/													
SM2138		CN/JM/CW/GO	8"	.322"	C	D5	3	2300	/													
SM2139		CN/JM/MV/CW	8"	.322"	C	D5	3	2301	/													
SM2140		CN/JM/CW/PH	8"	.322"	C	D5	3	2302	/													
SM2141		CN/JM/MV/SK	8"	.322"	C	D5	3	2303	/													
SM2142		CN/JM/CW/GO	8"	.322"	C	D5	3	2304	/													
SM2143		CN/JM/MV/CW	8"	.322"	C	D5	3	2305	/													
SM2144		CN/JM/CW/PH	8"	.322"	C	D5	3	2306	/													
SM2145		CN/JM/MV/SK	8"	.322"	C	D5	3	2307	/													
SM2146		CN/JM/CW/GO	8"	.322"	C	D5	3	2308		X					X							
SM2147		CN/JM/MV/CW	8"	.322"	C	D5	3	2309	/													
SM2148		CN/JM/CW/PH	8"	.322"	C	D5	3	2310	/													
SM2149		CN/JM/MV/SK	8"	.322"	C	D5	3	2311	/													

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/26/2013	**Page** 3 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2150	CN/JM/MV/GO	8"	.322"	C	D5	3	2312	/													
SM2151	CN/JM/CW	8"	.322"	C	D5	3	2314	/													
SM2152	CN/JM/PH	8"	.322"	C	D5	3	2315	/													
SM2153	CN/JM/SK	8"	.322"	C	D5	3	2316	/													
SM2154	CN/JM/GO	8"	.322"	C	D5	3	2317	/													
SM2155	CN/JM/CW	8"	.322"	C	D5	3	2318	/													
SM2156	CN/JM/PH	8"	.322"	C	D5	3	2319	/													
SM2157	CN/JM/SK	8"	.322"	C	D5	3	2320	/													
SM2158	CN/JM/GO	8"	.322"	C	D5	3	2321	/													
SM2159	CN/JM/CW	8"	.322"	C	D5	3	2322	/													
SM2160	CN/JM/PH	8"	.322"	C	D5	3	2323	/													
SM2161	CN/JM/SK	8"	.322"	C	D5	3	2324	/													
SM2162	CN/JM/GO	8"	.322"	C	D5	3	2325	/													
SM2163	CN/JM/CW	8"	.322"	C	D5	3	2326	/													
SM2164	CN/JM/PH	8"	.322"	C	D5	3	2327	/													
SM2165	CN/JM/SK	8"	.322"	C	D5	3	2328	/													
SM2166	CN/JM/GO	8"	.322"	C	D5	3	2329	/													
SM2167	CN/JM/CW	8"	.322"	C	D5	3	2330	/													
SM2168	CN/JM/PH	8"	.322"	C	D5	3	2331	/													
SM2169	CN/JM/SK	8"	.322"	C	D5	3	2332	/													

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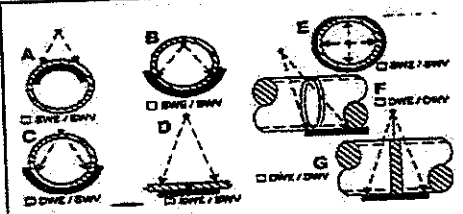
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/26/2013	**Page** 4 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size:** ☐ .05 ☑ .1 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double



Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2170		CN/JM/GO	8"	.322"	C	D5	3	2333	/													
SM2171		CN/JM/CW	8"	.322"	C	D5	3	2334	/													
SM2172		CN/JM/PH	8"	.322"	C	D5	3	2335	/													
SM2173		CN/JM/SK	8"	.322"	C	D5	3	2336	/													
SM2174		CN/JM/GO	8"	.322"	C	D5	3	2337	/													
SM2175		CN/JM/CW	8"	.322"	C	D5	3	2338	/													
SM2176		CN/JM/PH	8"	.322"	C	D5	3	2339	/													
SM2177		CN/JM/SK	8"	.322"	C	D5	3	2340	/													
SM2178		CN/JM/GO	8"	.322"	C	D5	3	2341	/													
SM2179		CN/JM/CW	8"	.322"	C	D5	3	2342	/													
SM2180		CN/JM/PH	8"	.322"	C	D5	3	2343	/													
SM2181		CN/JM/SK	8"	.322"	C	D5	3	2344	/													
SM2182		CN/JM/GO	8"	.322"	C	D5	3	2345	/													
SM2183		CN/JM/CW	8"	.322"	C	D5	3	2346	/													
SM2184		CN/JM/PH	8"	.322"	C	D5	3	2347	/													
SM2185		CN/JM/SK	8"	.322"	C	D5	3	2348	/													
SM2186		CN/JM/GO	8"	.322"	C	D5	3	2349	/													
SM2187		CN/JM/CW	8"	.322"	C	D5	3	2350	/													
SM2188		CN/JM/PH	8"	.322"	C	D5	3	2351	/													
SM2189		CN/JM/SK	8"	.322"	C	D5	3	2352	/													

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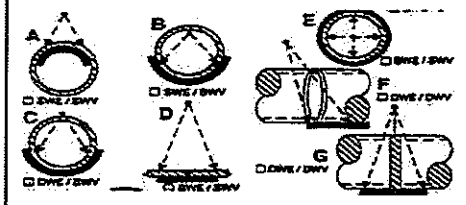
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/26/2013	**Page** 5 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2190		CN/JM/CW	8"	.322"	C	D5	3	2353	/													
SM2191		CN/JM/PH	8"	.322"	C	D5	3	2354	/													
SM2192		CN/JM/SK	8"	.322"	C	D5	3	2355	/													
SM2193		CN/JM/GO	8"	.322"	C	D5	3	2356	/													
SM2194		CN/JM/CW	8"	.322"	C	D5	3	2357	/													
SM2195		CN/JM/PH	8"	.322"	C	D5	3	2358	/													
SM2196		CN/JM/SK	8"	.322"	C	D5	3	2359	/													
SM2197		CN/JM/GO	8"	.322"	C	D5	3	2360	/													
SM2198		CN/JM/CW	8"	.322"	C	D5	3	2361	/													
SM2199		CN/JM/PH	8"	.322"	C	D5	3	2362	/													
SM2200		CN/JM/SK	8"	.322"	C	D5	3	2363	/													
SM2201		CN/JM/GO	8"	.322"	C	D5	3	2364	/													
SM2202		CN/JM/CW	8"	.322"	C	D5	3	2365	/													
SM2203		CN/JM/PH	8"	.322"	C	D5	3	2366	/													
SM2204		CN/JM/SK	8"	.322"	C	D5	3	2367	/													
SM2205		CN/JM/GO	8"	.322"	C	D5	3	2368	/													
SM2206		CN/JM/CW	8"	.322"	C	D5	3	2369	/													
SM2207		CN/JM/PH	8"	.322"	C	D5	3	2370	/													
SM2208		CN/JM/SK	8"	.322"	C	D5	3	2371	/													
SM2209		CN/JM/GO	8"	.322"	C	D5	3	2372	/													



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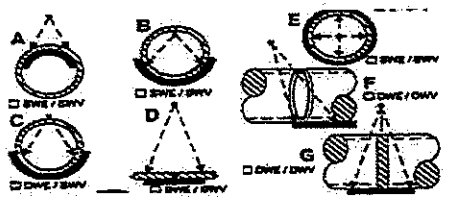
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/26/2013	**Page** 6 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size:** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2210		CN/JM/GO	8"	.322"	C	D5	3	2373	/													
SM2211		CN/JM/CW	8"	.322"	C	D5	3	2374	/													
SM2212		CN/JM/PH	8"	.322"	C	D5	3	2375	/													
SM2213		CN/JM/SK	8"	.322"	C	D5	3	2376	/													
SM2214		CN/JM/GO		.322"	C	D5	3	2377	/.													
SM2215		CN/JM/CW	8"	.322"	C	D5	3	2378	/													
SM2216		CN/JM/PH	8"	.322"	C	D5	3	2379	/													
SM2217		CN/JM/SK	8"	.322"	C	D5	3	2380	/													
SM2218		CN/JM/GO	8"	.322"	C	D5	3	2381	/													
SM2219		CN/JM/CW	8"	.322"	C	D5	3	2382	/													
SM2220		CN/JM/PH	8"	.322"	C	D5	3	2383	/													
SM2221		CN/JM/SK	8"	.322"	C	D5	3	2384	/													
SM2222		CN/JM/GO	8"	.322"	C	D5	3	2385	/													
SM2223		CN/JM/CW	8"	.322"	C	D5	3	2386	/													
SM2224		CN/JM/PH	8"	.322"	C	D5	3	2387	/													
SM2225		CN/JM/SK	8"	.322"	C	D5	3	2388	/													
SM2226		CN/JM/GO	8"	.322"	C	D5	3	2389	/													
SM2146R		AH	8"	.233"	C	D5	3	2308	/													



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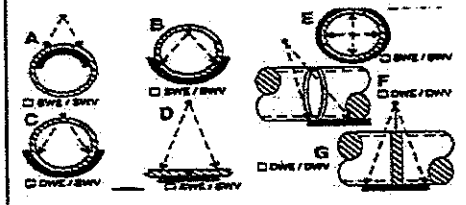
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/27/2013	**Page** 1 of 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2247		CN/JM/PH	8"	.322"	C	D5	3	2413	/													
SM2248		CN/JM/SK	8"	.322"	C	D5	3	2414	/													
SM2249		CN/JM/CW	8"	.322"	C	D5	3	2415	/													
SM2250		CN/JM/PH	8"	.322"	C	D5	3	2416	/													
SM2251		CN/JM/SK	8"	.322"	C	D5	3	2417	/													
SM2252		CN/JM/CW	8"	.322"	C	D5	3	2418	/													
SM2253		CN/JM/PH	8"	.322"	C	D5	3	2419	/													
SM2254		CN/JM/SK	8"	.322"	C	D5	3	2420	/													
SM2255		CN/JM/CW	8"	.322"	C	D5	3	2421	/													
SM2256		CN/JM/CW	8"	.322"	C	D5	3	2426	/													
SM2257		CN/JM/SK	8"	.322"	C	D5	3	2427	/													
SM2258		CN/JM/PH	8"	.322"	C	D5	3	2428	/													
SM2259		CN/JM/CW	8"	.322"	C	D5	3	2429	/													
SM2260		CN/JM/SK	8"	.322"	C	D5	3	2430	/													
SM2261		CN/JM/PH	8"	.322"	C	D5	3	2431	/													
SM2262		CN/JM/CW	8"	.322"	C	D5	3	2432	/													
SM2263		CN/JM/SK	8"	.322"	C	D5	3	2433	/													
SM2264		CN/JM/PH	8"	.322"	C	D5	3	2434	/													
SM2265		CN/JM/CW	8"	.322"	C	D5	3	2435	/													
SM2266		CN/JM/SK	8"	.322"	C	D5	3	2436	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
102		3	MILES:160	5:00AM	TO 8:30PM	15.5

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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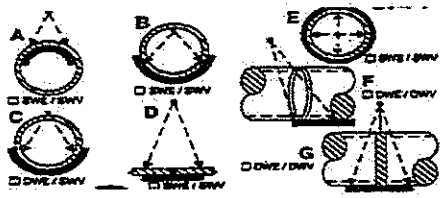
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/27/2013	**Page** 2 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2267		CN/JM/PH	8"	.322"	C	D5	3	2437	/													
SM2268		CN/JM/CW	8"	.322"	C	D5	3	2438	/													
SM2269		CN/JM/SK	8"	.322"	C	D5	3	2439	/													
SM2270		CN/JM/PH	8"	.322"	C	D5	3	2440	/													
SM2271		CN/JM/CW	8"	.322"	C	D5	3	2441	/													
SM2272		CN/JM/SK	8"	.322"	C	D5	3	2442	/													
SM2273		CN/JM/PH	8"	.322"	C	D5	3	2443	/													
SM2274		CN/JM/CW	8"	.322"	C	D5	3	2444	/													
SM2275		CN/JM/SK	8"	.322"	C	D5	3	2445	/													
SM2276		CN/JM/PH	8"	.322"	C	D5	3	2446	/													
SM2277		CN/JM/CW	8"	.322"	C	D5	3	2447	/													
SM2278		CN/JM/SK	8"	.322"	C	D5	3	2448	/													
SM2279		CN/JM/PH	8"	.322"	C	D5	3	2449	/													
SM2280		CN/JM/CW	8"	.322"	C	D5	3	2450	/													
SM2281		CN/JM/SK	8"	.322"	C	D5	3	2451	/													
SM2282		CN/JM/PH	8"	.322"	C	D5	3	2452	/													
SM2283		CN/JM/CW	8"	.322"	C	D5	3	2453	/													
SM2284		CN/JM/SK	8"	.322"	C	D5	3	2454	/													
SM2285		CN/JM/PH	8"	.322"	C	D5	3	2455	/													
SM2286		CN/JM/CW	8"	.322"	C	D5	3	2456	/													



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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/27/2013	**Page** 3 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2287	CN/JM/SK	8"	.322"	C	D5	3	2457	/													
SM2288	CN/JM/PH	8"	.322"	C	D5	3	2458	/													
SM2289	CN/JM/GO	8"	.322"	C	D5	3	2459	/													
SM2290	CN/JM/CW	8"	.322"	C	D5	3	2460	/													
SM2291	CN/JM/SK	8"	.322"	C	D5	3	2461	/													
SM2292	CN/JM/PH	8"	.322"	C	D5	3	2462	/													
SM2293	CN/JM/GO	8"	.322"	C	D5	3	2463	/													
SM2294	CN/JM/CW	8"	.322"	C	D5	3	2464	/													
SM2295	CN/JM/SK	8"	.322"	C	D5	3	2465	/													
SM2296	CN/JM/PH	8"	.322"	C	D5	3	2466	/													
SM2297	CN/JM/GO	8"	.322"	C	D5	3	2467	/													
SM2298	CN/JM/CW	8"	.322"	C	D5	3	2468	/													
SM2299	CN/JM/SK	8"	.322"	C	D5	3	2469	/													
SM2300	CN/JM/PH	8"	.322"	C	D5	3	2470	/													
SM2301	CN/JM/GO	8"	.322"	C	D5	3	2471	/													
SM2302	CN/JM/CW	8"	.322"	C	D5	3	2472	/													
SM2303	CN/JM/SK	8"	.322"	C	D5	3	2473	/													
SM2304	CN/JM/PH	8"	.322"	C	D5	3	2474	/													
SM2305	CN/JM/GO	8"	.322"	C	D5	3	2475	/													
SM2306	CN/JM/CW	8"	.322"	C	D5	3	2476	/													

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/27/2013	**Page** 4 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2307		CN/JM/SK	8"	.322"	C	D5	3	2477	/													
SM2308		CN/JM/PH	8"	.322"	C	D5	3	2478	/													
SM2309		CN/JM/GO	8"	.322"	C	D5	3	2479	/													
SM2310		CN/JM/CW	8"	.322"	C	D5	3	2480	/													
SM2311		CN/JM/SK	8"	.322"	C	D5	3	2481	/													
SM2312		CN/JM/PH	8"	.322"	C	D5	3	2482	/													
SM2313		CN/JM/GO	8"	.322"	C	D5	3	2483	/													
SM2314		CN/JM/CW	8"	.322"	C	D5	3	2484	/													
SM2315		CN/JM/SK	8"	.322"	C	D5	3	2485	/													
SM2316		CN/JM/PH	8"	.322"	C	D5	3	2486	/													
SM2317		CN/JM/GO	8"	.322"	C	D5	3	2487	/													Cancelled
SM2318		CN/JM/SK	8"	.322"	C	D5	3	2488	/													
SM2319		CN/JM/PH	8"	.322"	C	D5	3	2489	/													
SM2320		CN/JM/CW	8"	.322"	C	D5	3	2490	/													
SM2321		CN/JM/SK	8"	.322"	C	D5	3	2491	/													
SM2322		CN/JM/PH	8"	.322"	C	D5	3	2492	/													
SM2323		CN/JM/CW	8"	.322"	C	D5	3	2493	/													
SM2324		CN/JM/SK	8"	.322"	C	D5	3	2494	/													
SM2325		CN/JM/PH	8"	.322"	C	D5	3	2495	/													
SM2326		CN/JM/CW	8"	.322"	C	D5	3	2496	/													

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/2672013	**Page** 5 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2327		CN/JM/SK	8"	.322"	C	D5	3	2497	/													
SM2328		CN/JM/PH	8"	.322"	C	D5	3	2498	/													
SM2329		CN/JM/CW	8"	.322"	C	D5	3	2499	/													
SM2330		CN/JM/SK	8"	.322"	C	D5	3	2500	/													
SM2331		CN/JM/PH	8"	.322"	C	D5	3	2501	/													
SM2332		CN/JM/CW	8"	.322"	C	D5	3	2502	/													
SM2333		CN/JM/SK	8"	.322"	C	D5	3	2503	/													
SM2334		CN/JM/PH	8"	.322"	C	D5	3	2504	/													
SM2335		CN/JM/CW	8"	.322"	C	D5	3	2505	/													
SM2336		CN/JM/SK	8"	.322"	C	D5	3	2506	/													
SM2337		CN/JM/PH	8"	.322"	C	D5	3	2507	/													
SM2338		CN/JM/CW	8"	.322"	C	D5	3	2508	/													
SM2339		CN/JM/SK	8"	.322"	C	D5	3	2509	/													
SM2340		CN/JM/PH	8"	.322"	C	D5	3	2510	/													
SM2341		CN/JM/GO	8"	.322"	C	D5	3	2511	/													
SM2342		CN/JM/CW	8"	.322"	C	D5	3	2512	/													
SM2343		CN/JM/SK	8"	.322"	C	D5	3	2513	/													
SM2344		CN/JM/PH	8"	.322"	C	D5	3	2514	/	X				X								Incomplete Fusion
SM2345		CN/JM/GO	8"	.322"	C	D5	3	2515	/													
SM2346		CN/JM/CW	8"	.322"	C	D5	3	2516	/													

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/27/2013	**Page** 6 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2347	CN/JM/SK	8"	.322"	C	D5	3	2517	/													
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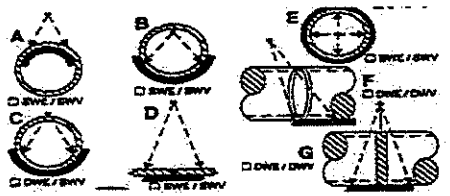

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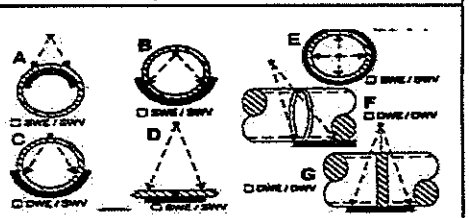
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/27/2013	**Page** 1 **of** 2
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 54 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ **Diag:**		**Film Load:** ☑ **Single** ☐ **Double**	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,60,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2227		CN/JM/CW	8"	.322"	C	D5	3	2393	/													
SM2228		CN/JM/PH	8"	.322"	C	D5	3	2394	/													
SM2229		CN/JM/SK	8"	.322"	C	D5	3	2395	/													
SM2230		CN/JM/GO	8"	.322"	C	D5	3	2396	/													
SM2231		CN/JM/CW	8"	.322"	C	D5	3	2397	/													
SM2232		CN/JM/PH	8"	.322"	C	D5	3	2398	/													
SM2233		CN/JM/SK	8"	.322"	C	D5	3	2399	/													
SM2234		CN/JM/GO	8"	.322"	C	D5	3	2400	/													
SM2235		CN/JM/CW	8"	.322"	C	D5	3	2401	/													
SM2236		CN/JM/PH	8"	.322"	C	D5	3	2402	/													
SM2237		CN/JM/SK	8"	.322"	C	D5	3	2403	/													
SM2238		CN/JM/GO	8"	.322"	C	D5	3	2404	/													
SM2239		CN/JM/CW	8"	.322"	C	D5	3	2405	/													
SM2240		CN/JM/PH	8"	.322"	C	D5	3	2406	/													
SM2241		CN/JM/SK	8"	.322"	C	D5	3	2407	/													
SM2242		CN/JM/GO	8"	.322"	C	D5	3	2408	/													
SM2243		CN/JM/CW	8"	.322"	C	D5	3	2409	/													
SM2244		CN/JM/PH	8"	.322"	C	D5	3	2410	/													
SM2245		CN/JM/SK	8"	.322"	C	D5	3	2411	/													
SM2246		CN/JM/GO	8"	.322"	C	D5	3	2412	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
34		2	MILES:160	5:00AM	TO 7:30PM	14.5

Level II Radiographer: JOSEPH DALY LEVEL II **Client Reviewer:**

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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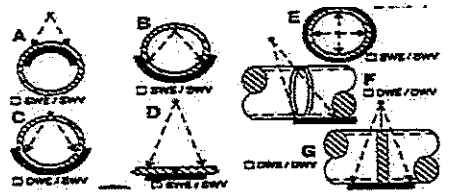
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/28/2013	**Page** 1 **of** 4
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2369		CN/JM/GO	8"	.322"	C	D5	3	2546	/													
SM2370		CN/JM/CW	8"	.322"	C	D5	3	2547	/													
SM2371		CN/JM/SK	8"	.322"	C	D5	3	2548	/													
SM2372		CN/JM/PH	8"	.322"	C	D5	3	2551	/													
SM2373		CN/JM/GO	8"	.322"	C	D5	3	2552	/													
SM2374		CN/JM/CW	8"	.322"	C	D5	3	2553	/													
SM2375		CN/JM/SK	8"	.322"	C	D5	3	2554	/													
SM2376		CN/JM/PH	8"	.322"	C	D5	3	2555	/													
SM2377		CN/JM/GO	8"	.322"	C	D5	3	2556	/													
SM2378		CN/JM/CW	8"	.322"	C	D5	3	2557	/													
SM2379		CN/JM/SK	8"	.322"	C	D5	3	2558	/													
SM2380		CN/JM/PH	8"	.322"	C	D5	3	2559	/													
SM2381		CN/JM/GO	8"	.322"	C	D5	3	2560	/													
SM2382		CN/JM/CW	8"	.322"	C	D5	3	2561	/													
SM2383		CN/JM/SK	8"	.322"	C	D5	3	2562	/													
SM2384		CN/JM/PH	8"	.322"	C	D5	3	2563	/													
SM2385		CN/JM/GO	8"	.322"	C	D5	3	2564	/													
SM2386		CN/JM/CW	8"	.322"	C	D5	3	2565	/													
SM2387		CN/JM/SK	8"	.322"	C	D5	3	2566	/													
SM2388		CN/JM/PH	8"	.322"	C	D5	3	2567	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel				Total Hours
76		3	MILES:160	5:00AM	TO	5:00PM	12

Level II Radiographer: Jeffrey Schmandt

Client Reviewer:

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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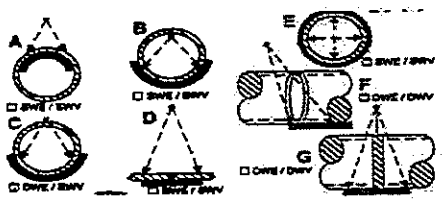
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/28/2013	**Page** 2 **of** 4
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .16☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2389		CN/JM/GO	8"	.322"	C	D5	3	2568	/													
SM2390		CN/JM/CW	8"	.322"	C	D5	3	2569	/													
SM2391		CN/JM/SK	8"	.322"	C	D5	3	2570	/													
SM2392		CN/JM/PH	8"	.322"	C	D5	3	2571	/													
SM2393		CN/JM/GO	8"	.322"	C	D5	3	2572	/													
SM2394		CN/JM/CW	8"	.322"	C	D5	3	2573	/													
SM2395		CN/JM/SK	8"	.322"	C	D5	3	2574	/													
SM2396		CN/JM/PH	8"	.322"	C	D5	3	2575	/													
SM2397		CN/JM/GO	8"	.322"	C	D5	3	2576	/													
SM2398		CN/JM/CW	8"	.322"	C	D5	3	2577	/													
SM2399		CN/JM/SK	8"	.322"	C	D5	3	2578	/													
SM2400		CN/JM/PH	8"	.322"	C	D5	3	2579	/													
SM2401		CN/GU/JG/GO	8"	.322"	C	D5	3	2580	/													
SM2402		CN/GU/CW/SK	8"	.322"	C	D5	3	2581	/													
SM2403		CN/GU/JG/PH	8"	.322"	C	D5	3	2582	/													
SM2404		CN/GU/CW/GO	8"	.322"	C	D5	3	2583	/													
SM2405		CN/GU/JG/SK	8"	.322"	C	D5	3	2584	/													
SM2406		CN/GU/CW/PH	8"	.322"	C	D5	3	2585	/													
SM2407		CN/GU/JG/GO	8"	.322"	C	D5	3	2586	/													
SM2408		CN/GU/CW/SK	8"	.322"	C	D5	3	2587	/													



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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/28/2013	**Page** 3 of 4
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:** **Film Load:** ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2409		CN/GU/JG/PH	8"	.322"	C	D5	3	2588	/													
SM2410		CN/GU/CW/GO	8"	.322"	C	D5	3	2589	/													
SM2411		CN/GU/JG/SK	8"	.322"	C	D5	3	2590	/													
SM2412		CN/GU/CW/PH	8"	.322"	C	D5	3	2591	/													
SM2413		CN/GU/JG/GO	8"	.322"	C	D5	3	2592	/													
SM2414		CN/GU/CW/SK	8"	.322"	C	D5	3	2593	/													
SM2415		CN/GU/JG/PH	8"	.322"	C	D5	3	2594	/													
SM2416		CN/GU/CW/GO	8"	.322"	C	D5	3	2595	/													
SM2417		CN/GU/JG/SK	8"	.322"	C	D5	3	2596	/													
SM2418		CN/GU/CW/PH	8"	.322"	C	D5	3	2597	/													
SM2419		CN/GU/JG/GO	8"	.322"	C	D5	3	2598	/													
SM2420		CN/GU/CW/SK	8"	.322"	C	D5	3	2599	/													
SM2421		CN/GU/JG/PH	8"	.322"	C	D5	3	2600	/													
SM2422		CN/GU/CW/GO	8"	.322"	C	D5	3	2601	/													
SM2423		CN/GU/JG/SK	8"	.322"	C	D5	3	2602	/													
SM2424		CN/GU/CW/PH	8"	.322"	C	D5	3	2603	/													
SM2425		CN/GU/JG/GO	8"	.322"	C	D5	3	2604	/													
SM2426		CN/GU/CW/SK	8"	.322"	C	D5	3	2605	/													
SM2427		CN/GU/JG/PH	8"	.322"	C	D5	3	2606	/													
SM2428		CN/GU/CW/GO	8"	.322"	C	D5	3	2607	/													

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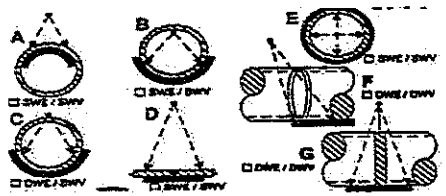
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/28/2013	**Page** 4 **of** 4
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A	**MA:** N/A	
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2429		CN/GU/CW/SK	8"	.322"	C	D5	3	2610	/													
SM2430		CN/GU/JG/PH	8"	.322"	C	D5	3	2611	/													
SM2431		CN/GU/CW/SK	8"	.322"	C	D5	3	2612	/													
SM2432		CN/GU/JG/GO	8"	.322"	C	D5	3	2613	/													
SM2433		CN/GU/JG/SK	8"	.322"	C	D5	3	2614	/													
SM2434		CN/GU/CW/GO	8"	.322"	C	D5	3	2616	/													
SM2435		CN/GU/CW/SK	8"	.322"	C	D5	3	2628	/													
SM2436		CN/GU/JG/PH	8"	.322"	C	D5	3	2629	/													
SM2437		CN/GU/CW/SK	8"	.322"	C	D5	3	2630	/													
SM2438		CN/GU/JG/PH	8"	.322"	C	D5	3	2631	/													
SM2439		CN/GU/CW/SK	8"	.322"	C	D5	3	2632	/													
SM2440		CN/GU/JG/PH	8"	.322"	C	D5	3	1398A	/													
SM2441		CN/GU/CW/SK	8"	.322"	C	D5	3	681	/													
SM2442		CN/GU/JG/PH	8"	.322"	C	D5	3	927A	/													
SM2443		CN/GU/CW/SK	8"	.322"	C	D5	3	993B	/													
SM2444		CN/GU/JG/PH	8"	.322"	C	D5	3	1043A	/													



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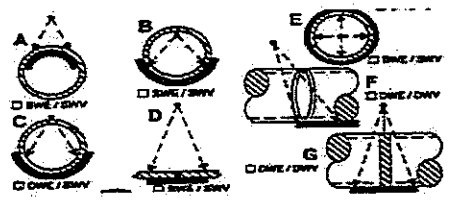
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/28/2013	**Page** 1 of 2
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 53 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2349		CN/JM/GO	8"	.322"	C	D5	3	2525	/													
SM2350		CN/JM/GO	8"	.322"	C	D5	3	2527	/													
SM2351		CN/JM/CW	8"	.322"	C	D5	3	2528	/													
SM2352		CN/JM/SK	8"	.322"	C	D5	3	2529	/													
SM2353		CN/JM/PH	8"	.322"	C	D5	3	2530	/													
SM2354		CN/JM/CW	8"	.322"	C	D5	3	2531	/													
SM2355		CN/JM/SK	8"	.322"	C	D5	3	2532	/													
SM2356		CN/JM/PH	8"	.322"	C	D5	3	2533	/													
SM2357		CN/JM/GO	8"	.322"	C	D5	3	2534	/													
SM2358		CN/JM/CW	8"	.322"	C	D5	3	2535	/													
SM2359		CN/JM/SK	8"	.322"	C	D5	3	2536	/													
SM2360		CN/JM/PH	8"	.322"	C	D5	3	2537	/													
SM2361		CN/JM/GO	8"	.322"	C	D5	3	2538	/													
SM2362		CN/JM/CW	8"	.322"	C	D5	3	2539	/													
SM2363		CN/JM/SK	8"	.322"	C	D5	3	2540	/													
SM2364		CN/JM/PH	8"	.322"	C	D5	3	2541	/													
SM2365		CN/JM/GO	8"	.322"	C	D5	3	2542	/													
SM2366		CN/JM/CW	8"	.322"	C	D5	3	2543	/													
SM2367		CN/JM/SK	8"	.322"	C	D5	3	2544	/													
SM2368		CN/JM/PH	8"	.322"	C	D5	3	2545	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
33		2	MILES:160	5:00AM	TO 6:00PM	13

Level II Radiographer: JOSEPH DALY LEVEL II **Client Reviewer:**

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BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT			Date: 7/29/2013	Page 1 of 6
Client Job : SUMMIT MIDSTREAM	AFE No.:			Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:		Accept. Standard: API 1104 20TH ED	
PO # N/A	Radiation Source: IR-192	Source Strength: 100 Ci		KV: N/A	MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size: ☐ .05 ☑ .16 ☑	Diag:	Film Load: ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2445		CN/GU/JG/SK	8"	.322"	C	D5	3	2635	/													
SM2446		CN/GU/CW/PH	8"	.322"	C	D5	3	26 36	/													
SM2447		CN/GU/JG/SK	8"	.322"	C	D5	3	26 37	/													
SM2448		CN/GU/CW/PH	8"	.322"	C	D5	3	26 38	/													
SM2449		CN/GU/JG/SK	8"	.322"	C	D5	3	26 39	/													
SM2450		CN/GU/CW/PH	8"	.322"	C	D5	3	26 40	/													
SM2451		CN/GU/JG/SK	8"	.322"	C	D5	3	26 41	/													
SM2452		CN/GU/CW/PH	8"	.322"	C	D5	3	26 42	/													
SM2453		CN/GU/JG/SK	8"	.322"	C	D5	3	2643	/													
SM2454		CN/GU/CW/PH	8"	.322"	C	D5	3	2644	/													
SM2455		CN/GU/JG/SK	8"	.322"	C	D5	3	2645	/													
SM2456		CN/GU/CW/PH	8"	.322"	C	D5	3	2646	/													
SM2457		CN/GU/JG/SK	8"	.322"	C	D5	3	2647	/													
SM2458		CN/GU/CW/PH	8"	.322"	C	D5	3	2648	/													
SM2459		CN/GU/JG/SK	8"	.322"	C	D5	3	26 49	/													
SM2460		CN/GU/CW/PH	8"	.322"	C	D5	3	2650	/													
SM2461		CN/GU/JG/SK	8"	.322"	C	D5	3	2652	/													
SM2462		CN/GU/CW/PH	8"	.322"	C	D5	3	2653	/													
SM2463		CN/GU/JG/SK	8"	.322"	C	D5	3	2654	/													
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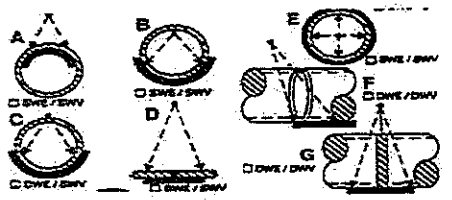

# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel				Total Hours
103		3	MILES:160	5:00AM	TO	8:30PM	15.5

Level II Radiographer: Jeffrey Schmandt Client Reviewer:

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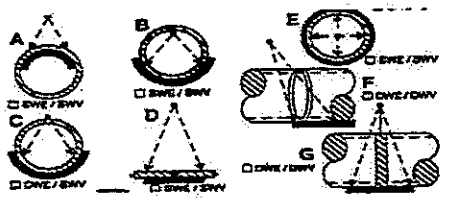
BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT			Date: 7/29/2013	Page 2 of 6
Client Job : SUMMIT MIDSTREAM	AFE No.:			Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:		Accept. Standard: API 1104 20TH ED	
PO # N/A	Radiation Source: IR-192	Source Strength: 100 Ci		KV: N/A	MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size: ☐ .05 ☐ .16☑	Diag:	Film Load: ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2465		CN/GU/JG/SK	8"	.322"	C	D5	3	2656	/													
SM2466		CN/JM/CW/SK	8"	.322"	C	D5	3	2657	/													
SM2467		CN/JM/CW/PH	8"	.322"	C	D5	3	2658	/													
SM2468		CN/JM/CW/SK	8"	.322"	C	D5	3	2659	/													
SM2469		CN/JM/CW/PH	8"	.322"	C	D5	3	2660	/													
SM2470		CN/JM/CW/SK	8"	.322"	C	D5	3	2661	/													
SM2471		CN/JM/CW/PH	8"	.322"	C	D5	3	2662	/													
SM2472		CN/JM/CW/SK	8"	.322"	C	D5	3	2663	/													
SM2473		CN/JM/CW/PH	8"	.322"	C	D5	3	2664	/													
SM2474		CN/JM/CW/SK	8"	.322"	C	D5	3	2665	/													
SM2475		CN/JM/CW/PH	8"	.322"	C	D5	3	2666	/													
SM2476		CN/JM/CW/SK	8"	.322"	C	D5	3	2667	/													
SM2477		CN/JM/CW/PH	8"	.322"	C	D5	3	2668	/													
SM2478		CN/JM/CW/SK	8"	.322"	C	D5	3	2669	/													
SM2479		CN/JM/CW/PH	8"	.322"	C	D5	3	2670	/													
SM2480		CN/JM/CW/SK	8"	.322"	C	D5	3	2671	/													
SM2481		CN/JM/CW/PH	8"	.322"	C	D5	3	2672	/													
SM2482		CN/JM/CW/SK	8"	.322"	C	D5	3	2673	/													
SM2483		CN/JM/CW/PH	8"	.322"	C	D5	3	2674	/													
SM2484		CN/JM/CW/SK	8"	.322"	C	D5	3	2675	/													



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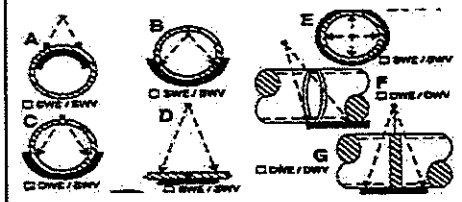
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT		Date: 7/28/2013	Page 3 of 4	
Client Job No: SUMMIT MIDSTREAM	AFE No.:		Project Location: FORTUNA, ND		
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:	Accept. Standard: API 1104 20TH ED		
PO # N/A	Radiation Source: IR-192	Source Strength: 100 Ci	KV: N/A	MA: N/A	
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size: ☐ .05 ☑ .16 ☑	Diag:	Film Load: ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2485		CN/JM/CW/SK	8"	.322"	C	D5	3	2676	/													
SM2486		CN/JM/CW/PH	8"	.322"	C	D5	3	2677	/													
SM2487		CN/JM/CW/SK	8"	.322"	C	D5	3	2678	/													
SM2488		CN/JM/CW/PH	8"	.322"	C	D5	3	2679	/													
SM2489		CN/JM/CW/SK	8"	.322"	C	D5	3	2680	/													
SM2490		CN/JM/CW/PH	8"	.322"	C	D5	3	2681	/													
SM2491		CN/JM/CW/SK	8"	.322"	C	D5	3	2682	/													
SM2492		CN/JM/CW/PH	8"	.322"	C	D5	3	2683	/													
SM2493		CN/JM/CW/SK	8"	.322"	C	D5	3	2684	/													
SM2494		CN/JM/CW/PH	8"	.322"	C	D5	3	2685	/													
SM2495		CN/JM/CW/SK	8"	.322"	C	D5	3	2686	/													
SM2496		CN/JM/CW/PH	8"	.322"	C	D5	3	2687	/													
SM2497		CN/JM/CW/SK	8"	.322"	C	D5	3	2688	/													
SM2498		CN/JM/CW/PH	8"	.322"	C	D5	3	2689	/													
SM2499		CN/JM/CW/SK	8"	.322"	C	D5	3	2690	/													
SM2500		CN/JM/CW/PH	8"	.322"	C	D5	3	2691	/													
SM2501		CN/JM/CW/SK	8"	.322"	C	D5	3	2692	/													
SM2502		CN/JM/CW/PH	8"	.322"	C	D5	3	2693	/													
SM2503		CN/JM/CW/SK	8"	.322"	C	D5	3	2694	/													
SM2504		CN/JM/CW/PH	8"	.322"	C	D5	3	2695	/													



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Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT			Date: 7/29/2013	Page 4 of 6
Client Job No: SUMMIT MIDSTREAM	AFE No.:			Project Location: FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:		Accept. Standard: API 1104 20TH ED	
PO # N/A	Radiation Source: IR-192	Source Strength: 100 Ci		KV: N/A	MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size ☐ .05 ☑ .16 ☑	Diag:	Film Load: ☑ Single ☐ Double	

Weld No.	Prefix	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D6/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2505		CN/JM/CW/SK	8"	.322"	C	D5	3	2696	/													
SM2506		CN/JM/CW/PH	8"	.322"	C	D5	3	2697	/													
SM2507		CN/JM/CW/SK	8"	.322"	C	D5	3	2698	/													
SM2508		CN/JM/CW/PH	8"	.322"	C	D5	3	2699	/													
SM2509		CN/JM/CW/SK	8"	.322"	C	D5	3	2700	/													
SM2510		CN/JM/CW/PH	8"	.322"	C	D5	3	2701	/													
SM2511		CN/JM/CW/SK	8"	.322"	C	D5	3	2702	/													
SM2512		CN/JM/CW/PH	8"	.322"	C	D5	3	2703	/													
SM2513		CN/JM/CW/SK	8"	.322"	C	D5	3	2704	/													
SM2514		CN/JM/CW/PH	8"	.322"	C	D5	3	2705	/													
SM2515		CN/JM/CW/SK	8"	.322"	C	D5	3	2706	/													
SM2516		CN/JM/MV/PH	8"	.322"	C	D5	3	2707	/													
SM2517		CN/JM/CW/SK	8"	.322"	C	D5	3	2708	/													
SM2518		CN/JM/MV/PH	8"	.322"	C	D5	3	2709	/													
SM2519		CN/JM/CW/SK	8"	.322"	C	D5	3	2710	/													
SM2520		CN/JM/MV/PH	8"	.322"	C	D5	3	2711	/													
SM2521		CN/JM/CW/SK	8"	.322"	C	D5	3	2712	/													
SM2522		CN/JM/MV/PH	8"	.322"	C	D5	3	2713	/													
SM2523		CN/JM/CW/SK	8"	.322"	C	D5	3	2714	/													
SM2524		CN/JM/MV/PH	8"	.322"	C	D5	3	2715	/													

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/29/2013	**Page** 5 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

We Id No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2525	CN/JM/CW/SK	8"	.322"	C	D5	3	2716	/													
SM2526	CN/JM/MV/PH	8"	.322"	C	D5	3	2717	/													
SM2527	CN/JM/CW/SK	8"	.322"	C	D5	3	2718	/													
SM2528	CN/JM/MV/PH	8"	.322"	C	D5	3	2719	/													
SM2529	CN/JM/CW/SK	8"	.322"	C	D5	3	2720	/													
SM2530	CN/JM/MV/PH	8"	.322"	C	D5	3	2721	/													
SM2531	CN/JM/CW/SK	8"	.322"	C	D5	3	2722	/													
SM2532	CN/JM/MV/PH	8"	.322"	C	D5	3	2723	/													
SM2533	CN/JM/CW/SK	8"	.322"	C	D5	3	2724	/													
SM2534	CN/JM/MV/PH	8"	.322"	C	D5	3	2725	/													
SM2535	CN/JM/CW/SK	8"	.322"	C	D5	3	2726	/													
SM2536	CN/JM/MV/PH	8"	.322"	C	D5	3	2727	/													
SM2537	CN/JM/CW/SK	8"	.322"	C	D5	3	2728	/													
SM2538	CN/JM/MV/PH	8"	.322"	C	D5	3	2729	/													
SM2539	CN/JM/CW/SK	8"	.322"	C	D5	3	2731	/													
SM2540	CN/JM/MV/PH	8"	.322"	C	D5	3	2733	/													
SM2541	CN/JM/CW/SK	8"	.322"	C	D5	3	2734	/													
SM2542	CN/JM/MV/PH	8"	.322"	C	D5	3	2735	/													
SM2543	CN/JM/CW/SK	8"	.322"	C	D5	3	2736	/													
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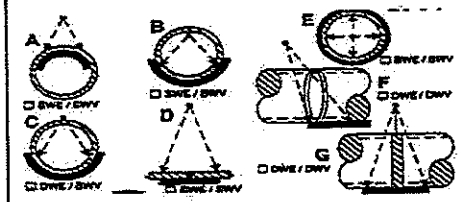

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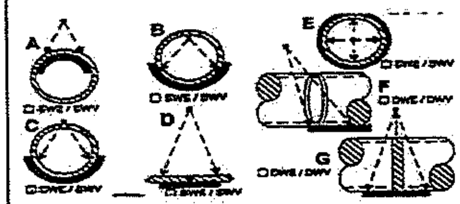
Radiography Report

BIC Proj. No.: BM-13-02549	Client: SUMMIT		Date: 7/29/2013		Page 6 of 6
Client Job No: SUMMIT MIDSTREAM	AFE No.:		Project Location: FORTUNA, ND		
PROCEDURE: BIC-RT-API-1104	Weld Proc. No.:	Governing Spec.:		Accept. Standard: API 1104 20TH ED	
PO # N/A	Radiation Source: IR-192	Source Strength: 100 Ci		KV: N/A	MA: N/A
Material: Carbon Steel	Reinforcement (in.): .125	Focal Spot Size ☐ .05 ☑ .16☑	Diag:	Film Load: ☑ Single ☐ Double	



Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2545		CN/JM/CW/SK	8"	.322"	C	D5	3	2738	/													
SM2546		CN/JM/MV/PH	8"	.322"	C	D5	3	2739	/													
SM2547		CN/JM/CW/SK	8"	.322"	C	D5	3	2740	/													

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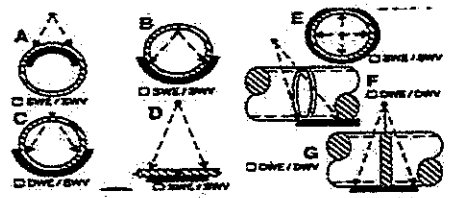
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/30/2013	**Page** 1 **of** 3
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2563		CN/JM/MV/PH	8"	.322"	C	D5	3	2759	/													
SM2564		CN/JM/CW/SK	8"	.322"	C	D5	3	2760	/													
SM2565		CN/JM/MV/PH	8"	.322"	C	D5	3	2761	/													
SM2566		CN/JM/CW/SK	8"	.322"	C	D5	3	2762	/													
SM2567		CN/JM/MV/PH	8"	.322"	C	D5	3	2763	/													
SM2568		CN/JM/CW/SK	8"	.322"	C	D5	3	2764	/													
SM2569		CN/JM/MV/PH	8"	.322"	C	D5	3	2765	/													
SM2570		CN/JM/CW/SK	8"	.322"	C	D5	3	2766	/													
SM2571		CN/JM/MV/PH	8"	.322"	C	D5	3	2767	/													
SM2572		CN/JM/CW/SK	8"	.322"	C	D5	3	2768	/													
SM2573		CN/JM/CW	8"	.322"	C	D5	3	2769	/													
SM2574		CN/JM/MV	8"	.322"	C	D5	3	2770	/													
SM2575		CN/JM/CW	8"	.322"	C	D5	3	2771	/													
SM2576		CN/JM/MV	8"	.322"	C	D5	3	2772	/													
SM2577		CN/JM/CW	8"	.322"	C	D5	3	2773	/													
SM2578		CN/JM/MV	8"	.322"	C	D5	3	2774	/													
SM2579		CN/JM/CW	8"	.322"	C	D5	3	2775	/													
SM2580		CN/JM/MV	8"	.322"	C	D5	3	2776	/													
SM2581		CN/JM/CW	8"	.322"	C	D5	3	2777	/													
SM2582		CN/JM/MV	8"	.322"	C	D5	3	2778	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
42		3	MILES:160	5:00AM	TO 5:30PM	12.5

Level II Radiographer:	Jeffrey Schmandt	Client Reviewer:	

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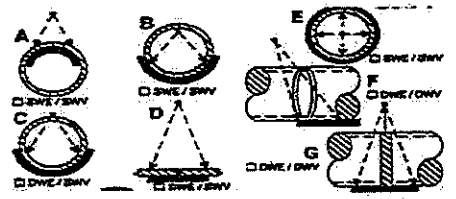
BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/30/2013	**Page** 3 **of** 3
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2317R		PH	8"	.322"	C	C	3		/													
SM2344R		PH	8"	.322"	C	C	3		/													



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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/31/2013	**Page** 1 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,80,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2597		CN/JM/MV/PH	8"	.322"	C	D5	3	2804	/													
SM2598		CN/JM/MV/SK	8"	.322"	C	D5	3	2805	/													
SM2599		CN/JM/MV/PH	8"	.322"	C	D5	3	2807	/													
SM2600		CN/JM/MV/SK	8"	.322"	C	D5	3	2808	/													
SM2601		CN/JM/CW	8"	.322"	C	D5	3	2809	/													
SM2602		CN/JM/MV/PH	8"	.322"	C	D5	3	2810	/													
SM2603		CN/JM/MV/SK	8"	.322"	C	D5	3	2811	/													
SM2604		CN/JM/MV	8"	.322"	C	D5	3	2812	/													
SM2605		CN/JM/CW	8"	.322"	C	D5	3	2813	/													
SM2606		CN/JM/PH	8"	.322"	C	D5	3	2814	/													
SM2607		CN/JM/SK	8"	.322"	C	D5	3	2815	/													
SM2608		CN/JM/MV	8"	.322"	C	D5	3	2816	/													
SM2609		CN/JM/CW	8"	.322"	C	D5	3	2817	/													
SM2610		CN/JM/PH	8"	.322"	C	D5	3	2818	/													
SM2611		CN/JM/SK	8"	.322"	C	D5	3	2819	/													
SM2612		CN/JM/MV	8"	.322"	C	D5	3	2820	/													
SM2613		CN/JM/CW	8"	.322"	C	D5	3	2821	/													
SM2614		CN/JM/PH	8"	.322"	C	D5	3	2822	/													
SM2615		CN/JM/SK	8"	.322"	C	D5	3	2823	/													
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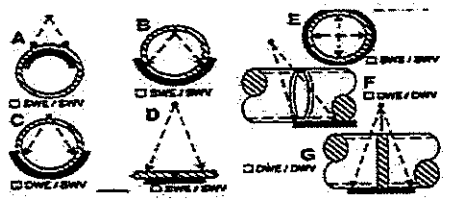

# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
114		3	MILES:160	5:00AM	TO 8:00PM	15

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

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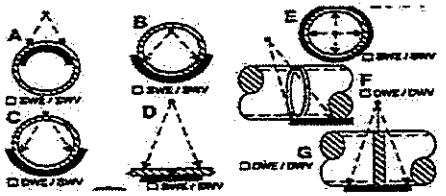
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/31/2013	**Page** 2 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .1 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D6/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2617		CN/JM/CW	8"	.322"	C	D5	3	2825	/													
SM2618		CN/JM/PH	8"	.322"	C	D5	3	2826	/													
SM2619		CN/JM/SK	8"	.322"	C	D5	3	2827	/													
SM2620		CN/JM/MV	8"	.322"	C	D5	3	2828	/													
SM2621		CN/JM/CW	8"	.322"	C	D5	3	2829	/													
SM2622		CN/JM/PH	8"	.322"	C	D5	3	2830	/													
SM2623		CN/JM/SK	8"	.322"	C	D5	3	2831	/													
SM2624		CN/JM/MV	8"	.322"	C	D5	3	2832	/													
SM2625		CN/JM/CW	8"	.322"	C	D5	3	2833	/													
SM2626		CN/JM/PH	8"	.322"	C	D5	3	2834	/													
SM2627		CN/JM/SK	8"	.322"	C	D5	3	2835	/													
SM2628		CN/JM/MV	8"	.322"	C	D5	3	2836	/													
SM2629		CN/JM/CW	8"	.322"	C	D5	3	2837	/													
SM2630		CN/JM/PH	8"	.322"	C	D5	3	2838	/													
SM2631		CN/JM/SK	8"	.322"	C	D5	3	2839	/													
SM2632		CN/JM/MV	8"	.322"	C	D5	3	2840	/													
SM2633		CN/JM/CW	8"	.322"	C	D5	3	2841	/													
SM2634		CN/JM/PH	8"	.322"	C	D5	3	2842	/													
SM2635		CN/JM/SK	8"	.322"	C	D5	3	2843	/													
SM2636		CN/JM/MV	8"	.322"	C	D5	3	2844	/													



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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/31/2013	**Page** 3 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size:** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld Id No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2637	CN/JM/CW	8"	.322"	C	D5	3	2845	/													
SM2638	CN/JM/PH	8"	.322"	C	D5	3	2846	/													
SM2639	CN/JM/SK	8"	.322"	C	D5	3	2847	/													
SM2640	CN/JM/MV	8"	.322"	C	D5	3	2848	/													
SM2641	CN/JM/PH	8"	.322"	C	D5	3	2849	/													
SM2642	CN/JM/SK	8"	.322"	C	D5	3	2850	/													
SM2643	CN/JM/MV	8"	.322"	C	D5	3	2851	/													
SM2644	CN/JM/PH	8"	.322"	C	D5	3	2852	/													
SM2645	CN/JM/SK	8"	.322"	C	D5	3	2853	/													
SM2646	CN/JM/MV	8"	.322"	C	D5	3	2854	/													
SM2647	CN/JM/PH	8"	.322"	C	D5	3	2855	/													
SM2648	CN/JM/SK	8"	.322"	C	D5	3	2856	/													
SM2649	CN/JM/MV	8"	.322"	C	D5	3	2857	/													
SM2650	CN/JM/GU	8"	.322"	C	D5	3	2858	/													
SM2651	CN/JM/PH	8"	.322"	C	D5	3	2859	/													
SM2652	CN/JM/SK	8"	.322"	C	D5	3	2860	/													
SM2653	CN/JM/SK	8"	.322"	C	D5	3	2861	/													
SM2654	CN/JM/PH	8"	.322"	C	D5	3	2862	/													
SM2655	CN/JM/SK	8"	.322"	C	D5	3	2863	/													
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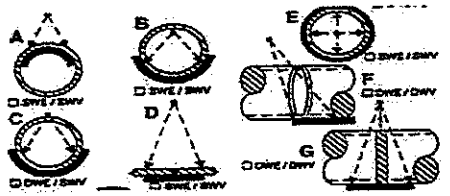

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/31/2013	**Page** 4 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2657		CN/JM/MV	8"	.322"	C	D5	3	2865	/													
SM2658		CN/JM/GU	8"	.322"	C	D5	3	2866	/													
SM2659		CN/JM/PH	8"	.322"	C	D5	3	2867	/													
SM2660		CN/JM/SK	8"	.322"	C	D5	3	2868	/													
SM2661		CN/JM/MV	8"	.322"	C	D5	3	2869	/													
SM2662		CN/JM/GU	8"	.322"	C	D5	3	2870	/													
SM2663		CN/JM/PH	8"	.322"	C	D5	3	2871	/													
SM2664		CN/JM/SK	8"	.322"	C	D5	3	2872	/													
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SM2666		CN/JM/GU	8"	.322"	C	D5	3	2874	/													
SM2667		CN/JM/PH	8"	.322"	C	D5	3	2875	/													
SM2668		CN/JM/SK	8"	.322"	C	D5	3	2876	/													
SM2669		CN/JM/MV	8"	.322"	C	D5	3	2877	/													
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SM2671		CN/JM/PH	8"	.322"	C	D5	3	2879	/													
SM2672		CN/JM/SK	8"	.322"	C	D5	3	2880	/													
SM2673		CN/JM/MV	8"	.322"	C	D5	3	2881	/													
SM2674		CN/JM/GU	8"	.322"	C	D5	3	2882	/													
SM2675		CN/JM/PH	8"	.322"	C	D5	3	2883	/													
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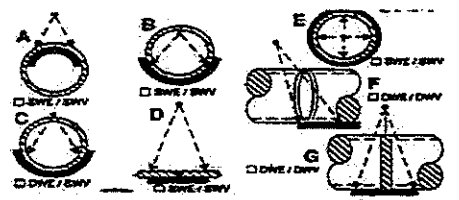

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT		**Date:** 7/24/2013	**Page** 5 **of** 6	
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**		**Project Location:** FORTUNA, ND		
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED		
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A	**MA:** N/A	
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2677		CN/JM/MV	8"	.322"	C	D5	3	2885	/													
SM2678		CN/JM/GU	8"	.322"	C	D5	3	2886	/													
SM2679		CN/JM/PH	8"	.322"	C	D5	3	2887	/													
SM2680		CN/JM/SK	8"	.322"	C	D5	3	2888	/													
SM2681		CN/JM/MV	8"	.322"	C	D5	3	2889	/													
SM2682		CN/JM/GU	8"	.322"	C	D5	3	2890	/													
SM2683		CN/JM/PH	8"	.322"	C	D5	3	2891	/													
SM2684		CN/JM/SK	8"	.322"	C	D5	3	2892	/													
SM2685		CN/JM/MV	8"	.322"	C	D5	3	2893	/													
SM2686		CN/JM/GU	8"	.322"	C	D5	3	2894	/													
SM2687		CN/JM/PH	8"	.322"	C	D5	3	2895	/													
SM2688		CN/JM/SK	8"	.322"	C	D5	3	2896	/													
SM2689		CN/JM/MV	8"	.322"	C	D5	3	2897	/													
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SM2693		CN/JM/MV	8"	.322"	C	D5	3	2903	/													
SM2694		CN/JM/GU	8"	.322"	C	D5	3	2908	/													
SM2695		CN/JM/PH	8"	.322"	C	D5	3	2909	/													
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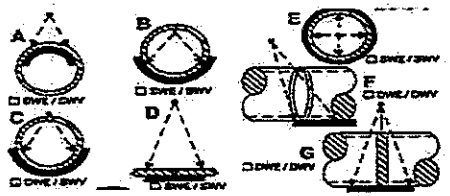

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/31/2013	**Page** 6 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size:** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D6/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2697		CN/JM/SK	8"	.322"	C	D5	3	2912	/													
SM2698		CN/JM/MV	8"	.322"	C	D5	3	2913	/													
SM2699		CN/JM/GU	8"	.322"	C	D5	3	2914	/													
SM2700		CN/JM/PH	8"	.322"	C	D5	3	2915	/													
SM2701		CN/JM/SK	8"	.322"	C	D5	3	2916	/.													
SM2702		CN/JM/MV	8"	.322"	C	D5	3	2917	/													
SM2703		CN/JM/GU	8"	.322"	C	D5	3	2918	/													
SM2704		CN/JM/PH	8"	.322"	C	D5	3	2919	/													
SM2705		CN/JM/SK	8"	.322"	C	D5	3	2920	/													
SM2706		CN/JM/MV	8"	.322"	C	D5	3	2921	/													
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SM2708		CN/JM/PH	8"	.322"	C	D5	3	2923	/													
SM2709		CN/JM/SK	8"	.322"	C	D5	3	2924	/													
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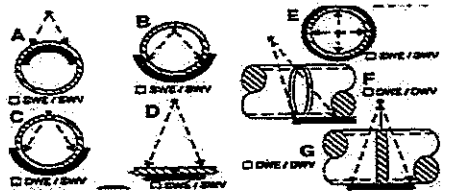

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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT		**Date:** 8/1/2013		**Page** 1 of 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**		**Project Location:** FORTUNA, ND		
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED		
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A	**MA:** N/A	
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2711		CN/JM/SK	8"	.322"	C	D5	3	2926	/													
SM2712		CN/JM/GU	8"	.322"	C	D5	3	2927	/													
SM2713		CN/JM/MV	8"	.322"	C	D5	3	2928	/													
SM2714		CN/JM/PH	8"	.322"	C	D5	3	2929	/													
SM2715		CN/JM/SK	8"	.322"	C	D5	3	2930	/													
SM2716		CN/JM/GU	8"	.322"	C	D5	3	2931	/													
SM2717		CN/JM/MV	8"	.322"	C	D5	3	2932	/													
SM2718		CN/JM/PH	8"	.322"	C	D5	3	2933	/													
SM2719		CN/JM/SK	8"	.322"	C	D5	3	2934	/													
SM2720		CN/JM/GU	8"	.322"	C	D5	3	2935	/													
SM2721		CN/JM/MV	8"	.322"	C	D5	3	2936	/													
SM2722		CN/JM/PH	8"	.322"	C	D5	3	2937	/													
SM2723		CN/JM/SK	8"	.322"	C	D5	3	2938	/													
SM2724		CN/JM/GU	8"	.322"	C	D5	3	2939	/													
SM2725		CN/JM/MV	8"	.322"	C	D5	3	2940	/													
SM2726		CN/JM/PH	8"	.322"	C	D5	3	2941	/													
SM2727		CN/JM/SK	8"	.322"	C	D5	3	2942	/													
SM2748		CN/JM/PH	8"	.322"	C	D5	3	2971	/													
SM2749		CN/JM/GU	8"	.322"	C	D5	3	2972	/													
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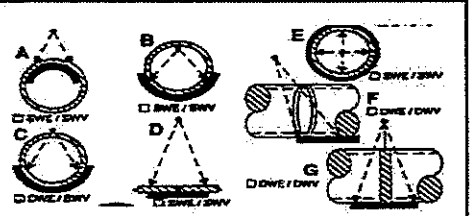


# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
108		3	MILES:160	5:00AM	TO 8:30PM	15.5

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

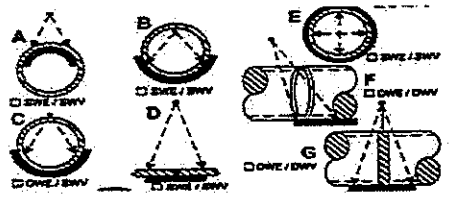
This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 8/1/2013	**Page** 2 **of** 6
Client Job : SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .16☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2751		CN/JM/SK	8"	.322"	C	D5	3	2974	/													
SM2752		CN/JM/GU	8"	.322"	C	D5	3	2975	/													
SM2753		CN/JM/MV	8"	.322"	C	D5	3	2976	/													
SM2754		CN/JM/PH	8"	.322"	C	D5	3	2977	/													
SM2755		CN/JM/SK	8"	.322"	C	D5	3	2978	/													
SM2756		CN/JM/GU	8"	.322"	C	D5	3	2979	/													
SM2757		CN/JM/MV	8"	.322"	C	D5	3	2980	/													
SM2758		CN/JM/PH	8"	.322"	C	D5	3	2981	/													
SM2759		CN/JM/SK	8"	.322"	C	D5	3	2982	/													
SM2760		CN/JM/GU	8"	.322"	C	D5	3	2995	/													
SM2761		CN/JM/MV	8"	.322"	C	D5	3	2996	/													
SM2762		CN/JM/PH	8"	.322"	C	D5	3	2997	/													
SM2763		CN/JM/CW	8"	.322"	C	D5	3	2998	/													
SM2764		CN/JM/GU	8"	.322"	C	D5	3	2999	/													
SM2765		CN/JM/SK	8"	.322"	C	D5	3	3000	/													
SM2766		CN/JM/PH	8"	.322"	C	D5	3	3001	/													
SM2767		CN/JM/MV	8"	.322"	C	D5	3	3002	/													
SM2768		CN/JM/CW	8"	.322"	C	D5	3	3003	/													
SM2769		CN/JM/GU	8"	.322"	C	D5	3	3004	/													
SM2770		CN/JM/SK	8"	.322"	C	D5	3	3005	/													

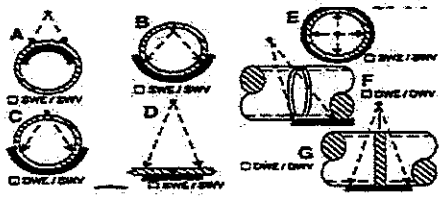


BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 8/1/2013	**Page** 3 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2771		CN/JM/PH	8"	.322"	C	D5	3	3006	/													
SM2772		CN/JM/MV	8"	.322"	C	D5	3	3007	/													
SM2773		CN/JM/CW	8"	.322"	C	D5	3	2179	/													
SM2774		CN/JM/GU	8"	.322"	C	D5	3	2110C	/													
SM2775		CN/JM/SK	8"	.322"	C	D5	3	2178	/													
SM2776		CN/JM/PH	8"	.322"	C	D5	3	1481	/													
SM2777		CN/JM/MV	8"	.322"	C	D5	3	2043	/													
SM2778		CN/JM/CW	8"	.322"	C	D5	3	1877	/													
SM2779		CN/JM/GU	8"	.322"	C	D5	3	1469	/													
SM2780		CN/JM/SK	8"	.322"	C	D5	3	1051A	/													
SM2781		CN/JM/PH	8"	.322"	C	D5	3	1341B	/													
SM2782		CN/JM/MV	8"	.322"	C	D5	3	3028	/													
SM2783		CN/JM/CW	8"	.322"	C	D5	3	3029	/													
SM2784		CN/JM/GU	8"	.322"	C	D5	3	3030	/													
SM2785		CN/JM/SK	8"	.322"	C	D5	3	3031	/													
SM2786		CN/JM/PH	8"	.322"	C	D5	3	3032	/													
SM2787		CN/JM/MV	8"	.322"	C	D5	3	3033	/													
SM2788		CN/JM/CW	8"	.322"	C	D5	3	3034	/													
SM2789		CN/JM/GU	8"	.322"	C	D5	3	3035	/													
SM2790		CN/JM/SK	8"	.322"	C	D5	3	3036	/													



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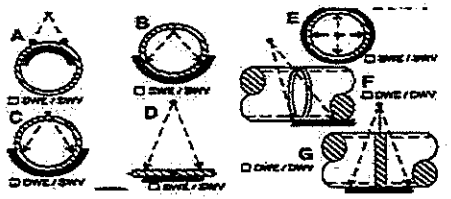
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 8/1/2013	**Page** 4 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2791		CN/JM/MV	8"	.322"	C	D5	3	3037	/													
SM2792		CN/JM/CW	8"	.322"	C	D5	3	3038	/													
SM2793		CN/JM/GU	8"	.322"	C	D5	3	3039	/													
SM2794		CN/JM/SK	8"	.322"	C	D5	3	3040	/													
SM2795		CN/JM/PH	8"	.322"	C	D5	3	3041	/													
SM2796		CN/JM/MV	8"	.322"	C	D5	3	3042	/													
SM2797		CN/JM/CW	8"	.322"	C	D5	3	3043	/													
SM2798		CN/JM/GU	8"	.322"	C	D5	3	3044	/													
SM2799		CN/JM/SK	8"	.322"	C	D5	3	3049	/													
SM2800		CN/JM/PH	8"	.322"	C	D5	3	3046	/													
SM2801		CN/JM/MV	8"	.322"	C	D5	3	3047	/													
SM2802		CN/JM/CW	8"	.322"	C	D5	3	3078	/													
SM2803		CN/JM/GU	8"	.322"	C	D5	3	3073	/													
SM2804		CN/JM/SK	8"	.322"	C	D5	3	3080	/													
SM2805		CN/JM/PH	8"	.322"	C	D5	3	3074	/													
SM2806		CN/JM/MV	8"	.322"	C	D5	3	3081	/													
SM2807		CN/JM/CW	8"	.322"	C	D5	3	3075	/													
SM2808		CN/JM/GU	8"	.322"	C	D5	3	3082	/													
SM2809		CN/JM/SK	8"	.322"	C	D5	3	3076	/													
SM2810		CN/JM/PH	8"	.322"	C	D5	3	3077	/													



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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 8/1/2013	**Page** 5 of 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2811		CN/JM/SK	8"	.322"	C	D5	3	3077	/													
SM2812		CN/JM/PH	8"	.322"	C	D5	3	3084	/													
SM2813		CN/JM/MV	8"	.322"	C	D5	3	3079	/													
SM2814		CN/JM/CW	8"	.322"	C	D5	3	3085	/													
SM2815		CN/JM/GU	8"	.322"	C	D5	3	3086	/													
SM2816		CN/JM/SK	8"	.322"	C	D5	3	3087	/													
SM2817		CN/JM/PH	8"	.322"	C	D5	3	3088	/													
SM2818		CN/JM/MV	8"	.322"	C	D5	3	3089	/													
SM2819		CN/JM/CW	8"	.322"	C	D5	3	3090	/													
SM2820		CN/JM/GU	8"	.322"	C	D5	3	3091	/													
SM2821		CN/JM/SK	8"	.322"	C	D5	3	3092	/													
SM2822		CN/JM/PH	8"	.322"	C	D5	3	3093	/													
SM2823		CN/JM/MV	8"	.322"	C	D5	3	3094	/													
SM2824		CN/JM/CW	8"	.322"	C	D5	3	3095	/													
SM2825		CN/JM/GU	8"	.322"	C	D5	3	3096	/													
SM2826		JM/MV/GU	8"	.322"	C	D5	3	3097	/													
SM2827		JM/MV/SK	8"	.322"	C	D5	3	3098	/													
SM2828		JM/MV/CW	8"	.322"	C	D5	3	3099	/													
SM2829		JM/MV/GU	8"	.322"	C	D5	3	3100	/													
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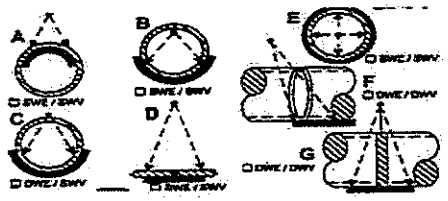

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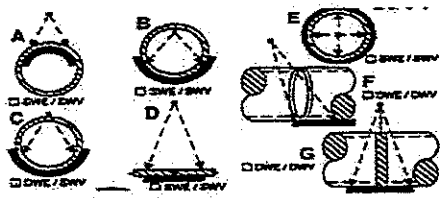
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 8/1/2013	**Page** 6 **of** 6
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size:** ☐ .05 ☑ .16 ☑	**Diag:** **Film Load:** ☑ Single ☐ Double

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (In.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2831		JM/MV/CW	8"	.322"	C	D5	3	3102	/													
SM2832		JM/MV/GU	8"	.322"	C	D5	3	3103	/													
SM2833		JM/MV/SK	8"	.322"	C	D5	3	3104	/													
SM2834		JM/MV/CW	8"	.322"	C	D5	3	3105	/													
SM2835		JM/MV/GU	8"	.322"	C	D5	3	3106	/.													
SM2836		JM/MV/SK	8"	.322"	C	D5	3	3107	/													
SM2837		JM/MV/CW	8"	.322"	C	D5	3	3108	/													
SM2838		JM/MV/GU	8"	.322"	C	D5	3	3109	/													



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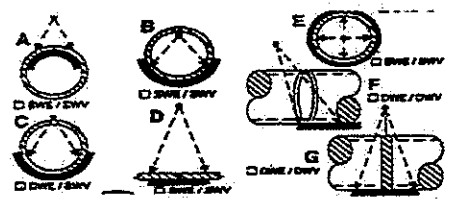
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 8/1/2013	**Page** 1 **of** 1
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 53 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:		**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2728		CN/JM/SK	8"	.322"	C	D5	3	2950	/													
SM2729		CN/JM/PH	8"	.322"	C	D5	3	2946	/													
SM2730		CN/JM/MV	8"	.322"	C	D5	3	2951	/													
SM2731		CN/JM/GU	8"	.322"	C	D5	3	2948	/													
SM2732		CN/JM/MV	8"	.322"	C	D5	3	2952	/													
SM2733		CN/JM/SK	8"	.322"	C	D5	3	2953	/													
SM2734		CN/JM/PH	8"	.322"	C	D5	3	2954	/													
SM2735		CN/JM/GU	8"	.322"	C	D5	3	2955	/													
SM2736		CN/JM/MV	8"	.322"	C	D5	3	2956	/													
SM2737		CN/JM/SK	8"	.322"	C	D5	3	2957	/													
SM2738		CN/JM/PH	8"	.322"	C	D5	3	2958	/													
SM2739		CN/JM/GU	8"	.322"	C	D5	3	2959	/													
SM2740		CN/JM/MV	8"	.322"	C	D5	3	2960	/													
SM2741		CN/JM/SK	8"	.322"	C	D5	3	2961	/													
SM2742		CN/JM/PH	8"	.322"	C	D5	3	2962	/													
SM2743		CN/JM/GU	8"	.322"	C	D5	3	2966	/													
SM2744		CN/JM/MV	8"	.322"	C	D5	3	2967	/													
SM2745		CN/JM/SK	8"	.322"	C	D5	3	2968	/													
SM2746		CN/JM/PH	8"	.322"	C	D5	3	2969	/													
SM2747		CN/JM/GU	8"	.322"	C	D5	3	2970	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
42		2	MILES:160	5:00AM	TO 8:30PM	15.5

Level II Radiographer:	JOSEPH DALY LEVEL II	Client Reviewer:	

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT		**Date:** 8/2/2013	**Page** 1 **of** 5	
Client Job : SUMMIT MIDSTREAM	**AFE No.:**		**Project Location:** FORTUNA, ND		
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED		
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A	**MA:** N/A	
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2839		JM/MV/PH	8"	.322"	C	D5	3	3110	/													
SM2840		JM/MV/GU	8"	.322"	C	D5	3	3111	/													
SM2841		JM/MV/SK	8"	.322"	C	D5	3	3112	/													
SM2842		JM/MV/CW	8"	.322"	C	D5	3	3113	/													
SM2843		JM/MV/PH	8"	.322"	C	D5	3	3114	/													
SM2844		JM/MV/GU	8"	.322"	C	D5	3	3115	/													
SM2845		JM/MV/SK	8"	.322"	C	D5	3	3116	/													
SM2846		JM/MV/CW	8"	.322"	C	D5	3	3117	/													
SM2847		JM/MV/PH	8"	.322"	C	D5	3	3118	/													
SM2848		JM/MV/GU	8"	.322"	C	D5	3	3119	/													
SM2849		JM/MV/SK	8"	.322"	C	D5	3	3130	/													
SM2850		JM/MV/CW	8"	.322"	C	D5	3	3131	/													
SM2851		JM/MV/PH	8"	.322"	C	D5	3	3132	/													
SM2852		JM/MV/GU	8"	.322"	C	D5	3	3133	/													
SM2853		JM/MV/SK	8"	.322"	C	D5	3	3134	/													
SM2854		JM/MV/CW	8"	.322"	C	D5	3	3135	/													
SM2855		JM/MV/PH	8"	.322"	C	D5	3	3136	/													
SM2856		JM/MV/GU	8"	.322"	C	D5	3	3137	/													
SM2857		JM/MV/PH	8"	.322"	C	D5	3	3138	/													
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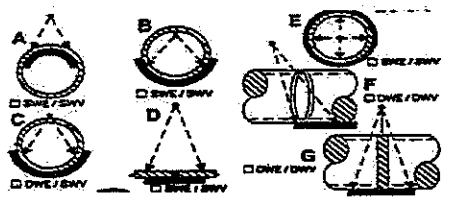

# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
92		3	MILES:160	5:00AM	TO 8:00PM	15

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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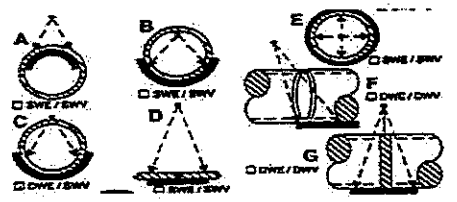
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 8/2/2013	**Page** 2 **of** 5
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☐ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2859		JM/MV/CW	8"	.322"	C	D5	3	3140	/													
SM2860		JM/MV/PH	8"	.322"	C	D5	3	3141	/													
SM2861		JM/MV/GU	8"	.322"	C	D5	3	3142	/													
SM2862		JM/MV/CW	8"	.322"	C	D5	3	3143	/													
SM2863		JM/MV/PH	8"	.322"	C	D5	3	3144	/													
SM2864		JM/MV/GU	8"	.322"	C	D5	3	3145	/													
SM2865		JM/MV/CW	8"	.322"	C	D5	3	3146	/													
SM2866		JM/MV/PH	8"	.322"	C	D5	3	3147	/													
SM2867		JM/MV/GU	8"	.322"	C	D5	3	3148	/													
SM2868		JM/MV/CW	8"	.322"	C	D5	3	3149	/													
SM2869		JM/MV/PH	8"	.322"	C	D5	3	3150	/													
SM2870		JM/MV/GU	8"	.322"	C	D5	3	3151	/													
SM2871		JM/MV/CW	8"	.322"	C	D5	3	3051	/													
SM2872		JM/MV/GU	8"	.322"	C	D5	3	3052	/													
SM2873		JM/MV/CW	8"	.322"	C	D5	3	3053	/													
SM2874		JM/MV/GU	8"	.322"	C	D5	3	3054	/													
SM2875		JM/MV/CW	8"	.322"	C	D5	3	3055	/													
SM2876		JM/MV/GU	8"	.322"	C	D5	3	3056	/													
SM2877		JM/MV/CW	8"	.322"	C	D5	3	3057	/													
SM2878		JM/MV/GU	8"	.322"	C	D5	3	3058	/													



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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 8/2/2013	**Page** 3 **of** 5
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2879		JM/MV/CW	8"	.322"	C	D5	3	3059	/													
SM2880		JM/MV/GU	8"	.322"	C	D5	3	3060	/													
SM2881		JM/MV/CW	8"	.322"	C	D5	3	3061	/													
SM2882		JM/MV/GU	8"	.322"	C	D5	3	3062	/													
SM2883		JM/MV/CW	8"	.322"	C	D5	3	3063	/													
SM2884		JM/MV/GU	8"	.322"	C	D5	3	3064	/													
SM2885		JM/MV/CW	8"	.322"	C	D5	3	3065	/													
SM2886		JM/MV/GU	8"	.322"	C	D5	3	3066	/													
SM2887		JM/MV/CW	8"	.322"	C	D5	3	3067	/													
SM2888		JM/MV/GU	8"	.322"	C	D5	3	3068	/													
SM2889		JM/MV	8"	.322"	C	D5	3	3069	/													
SM2890		JM/MV/CW	8"	.322"	C	D5	3	3160	/													
SM2891		JM/MV/GU	8"	.322"	C	D5	3	3162	/													
SM2892		JM/MV/CW	8"	.322"	C	D5	3	3164	/													
SM2893		JM/MV/GU	8"	.322"	C	D5	3	3165	/													
SM2894		JM/MV/CW	8"	.322"	C	D5	3	3166	/													
SM2895		JM/MV/GU	8"	.322"	C	D5	3	3167	/													
SM2896		JM/MV/CW	8"	.322"	C	D5	3	3168	/													
SM2897		JM/MV/GU	8"	.322"	C	D5	3	3169	/													
SM2898		JM/MV/CW	8"	.322"	C	D5	3	3170	/													

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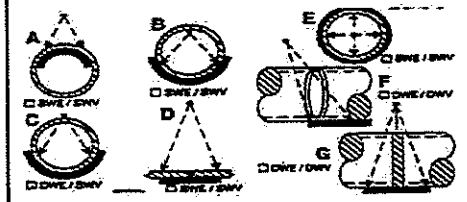
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 8/3/2013	**Page** 1 **of** 3
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2912		JM/MV/GU	8"	.322"	C	D5	3	3191	/													
SM2913		JM/MV/GU	8"	.322"	C	D5	3	3192	/													
SM2914		JM/MV/GU	8"	.322"	C	D5	3	3193	/													
SM2915		JM/MV/GU	8"	.322"	C	D5	3	3194	/													
SM2916		JM/MV/GU	8"	.322"	C	D5	3	3195	/													
SM2917		JM/MV/GU	8"	.322"	C	D5	3	3196	/													
SM2918		JM/MV/GU	8"	.322"	C	D5	3	3197	/													
SM2919		JM/MV/GU	8"	.322"	C	D5	3	3198	/													
SM2920		JM/MV	8"	.322"	C	D5	3	3199	/													
SM2921		JM/MV/GU	8"	.322"	C	D5	3	3200	/													
SM2922		JM/MV	8"	.322"	C	D5	3	3201	/													
SM2923		JM/MV/GU	8"	.322"	C	D5	3	3202	/													
SM2924		JM/MV	8"	.322"	C	D5	3	3203	/													
SM2925		JM/MV/GU	8"	.322"	C	D5	3	3204	/													
SM2926		JM/MV	8"	.322"	C	D5	3	3205	/													
SM2927		JM/MV/GU	8"	.322"	C	D5	3	3206	/													
SM2928		JM/MV	8"	.322"	C	D5	3	3207	/													
SM2929		JM/MV/GU	8"	.322"	C	D5	3	3208	/													
SM2930		JM/MV	8"	.322"	C	D5	3	3209	/													
SM2931		JM/MV/GU	8"	.322"	C	D5	3	3210	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
60		3	MILES:160	5:00AM	TO 7:00PM	14

Level II Radiographer: Jeffrey Schrandt **Client Reviewer:**

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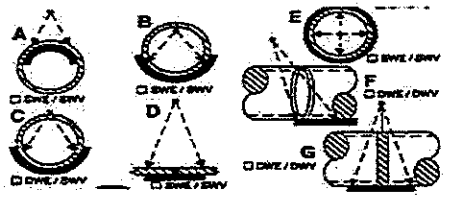
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 8/3/2013	**Page** 2 **of** 3
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2932		JM/MV	8"	.322"	C	D5	3	3211	/													
SM2933		JM/GU	8"	.322"	C	D5	3	3212	/													
SM2934		JM/MV	8"	.322"	C	D5	3	3213	/													
SM2935		JM/GU	8"	.322"	C	D5	3	3214	/													
SM2936		JM/MV	8"	.322"	C	D5	3	3215	/													
SM2937		JM/GU	8"	.322"	C	D5	3	3216	/													
SM2938		JM/MV	8"	.322"	C	D5	3	3217	/													
SM2939		JM/GU	8"	.322"	C	D5	3	3218	/													
SM2940		JM/MV	8"	.322"	C	D5	3	3219	/													
SM2941		JM/GU	8"	.322"	C	D5	3	3220	/													
SM2942		JM/MV	8"	.322"	C	D5	3	3221	/													
SM2943		JM/GU	8"	.322"	C	D5	3	3222	/													
SM2944		JM/MV	8"	.322"	C	D5	3	3223	/													
SM2945		JM/GU	8"	.322"	C	D5	3	3224	/													
SM2946		JM/MV	8"	.322"	C	D5	3	3225	/													
SM2947		JM/GU	8"	.322"	C	D5	3	3226	/													
SM2948		JM/MV	8"	.322"	C	D5	3	3227	/													
SM2949		JM/GU	8"	.322"	C	D5	3	3228	/													
SM2950		JM/MV	8"	.322"	C	D5	3	3229	/													
SM2951		JM/GU	8"	.322"	C	D5	3	3230	/													



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Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 8/3/2013	**Page** 3 **of** 3
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2952		JM/MV	8"	.322"	C	D5	3	3231	/													
SM2953		JM/GU	8"	.322"	C	D5	3	3232	/													
SM2954		JM/MV	8"	.322"	C	D5	3	3233	/													
SM2955		JM/GU	8"	.322"	C	D5	3	3234	/													
SM2956		JM/MV	8"	.322"	C	D5	3	3235	/													
SM2957		JM/GU	8"	.322"	C	D5	3	3236	/													
SM2958		JM/MV	8"	.322"	C	D5	3	3237	/													
SM2959		JM/GU	8"	.322"	C	D5	3	3238	/													
SM2960		JM/MV	8"	.322"	C	D5	3	3239	/													
SM2961		JM/GU	8"	.322"	C	D5	3	3240	/													
SM2962		JM/MV	8"	.322"	C	D5	3	3241	/													
SM2963		JM/GU	8"	.322"	C	D5	3	3242	/													
SM2964		JM/MV	8"	.322"	C	D5	3	3243	/													
SM2965		JM/GU	8"	.322"	C	D5	3	3244	/													
SM2966		JM/MV	8"	.322"	C	D5	3	3245	/													
SM2967		JM/GU	8"	.322"	C	D5	3	3246	/													
SM2968		JM/MV	8"	.322"	C	D5	3	3247	/													
SM2969		JM/GU	8"	.322"	C	D5	3	3248	/													
SM2970		JM	8"	.322"	C	D5	3	3071	/													
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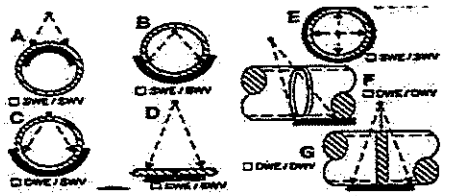
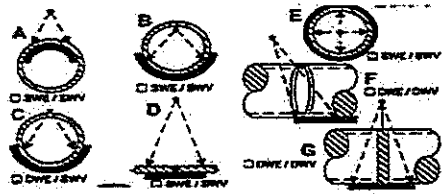


BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 8/5/2013	**Page** 1 **of** 4
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2972		JM/MV	8"	.322"	C	D5	3	3249	/													
SM2973		JM/GU	8"	.322"	C	D5	3	3250	/													
SM2974		JM/MV	8"	.322"	C	D5	3	3251	/													
SM2975		JM/GU	8"	.322"	C	D5	3	3252	/													
SM2976		JM/MV	8"	.322"	C	D5	3	3253	/													
SM2977		JM/GU	8"	.322"	C	D5	3	3254	/													
SM2978		JM/MV	8"	.322"	C	D5	3	3255	/													
SM2979		JM/PH	8"	.322"	C	D5	3	3256	/													
SM2980		CN/JM/PH	8"	.322"	C	D5	3	3257	/													
SM2981		CN/JM/SK	8"	.322"	C	D5	3	3258	/													
SM2982		CN/JM/MV	8"	.322"	C	D5	3	3259	/													
SM2983		CN/JM/PH	8"	.322"	C	D5	3	3260	/													
SM2984		CN/JM/SK	8"	.322"	C	D5	3	3261	/													
SM2985		CN/JM/MV	8"	.322"	C	D5	3	3262	/													
SM2986		CN/JM/PH	8"	.322"	C	D5	3	3263	/													
SM2987		CN/JM/SK	8"	.322"	C	D5	3	3264	/													
SM2988		CN/JM/MV	8"	.322"	C	D5	3	3265	/													
SM2989		CN/JM/PH	8"	.322"	C	D5	3	3266	/													
SM2990		CN/JM/SK	8"	.322"	C	D5	3	3267	/													
SM2991		CN/JM/MV	8"	.322"	C	D5	3	3268	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL	3	Travel				Total Hours
80			MILES:160	6:00AM	TO	7:00PM	13

Level II Radiographer: Jeffrey Schmandt **Client Reviewer:**

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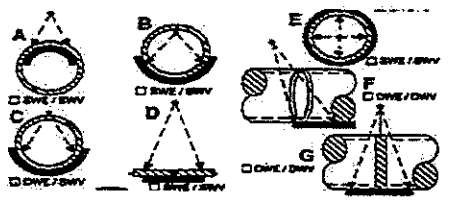
BRAUN INTERTEC

Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT		**Date:** 8/5/2013	**Page** 2 **of** 4	
Client Job : SUMMIT MIDSTREAM	**AFE No.:**		**Project Location:** FORTUNA, ND		
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED		
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A	**MA:** N/A	
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,60,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2992	CN/JM/PH	8"	.322"	C	D5	3	3269	/													
SM2993	CNJM/SK	8"	.322"	C	D5	3	3270	/													
SM2994	CN/JM/MV	8"	.322"	C	D5	3	3271	/													
SM2995	CN/JM/PH	8"	.322"	C	D5	3	3272	/													
SM2996	CNJM/SK	8"	.322"	C	D5	3	3273	/													
SM2997	CN/JM/MV	8"	.322"	C	D5	3	3274	/													
SM2998	CN/JM/PH	8"	.322"	C	D5	3	3275	/													
SM2999	CNJM/SK	8"	.322"	C	D5	3	3276	/													
SM3000	CN/JM/MV	8"	.322"	C	D5	3	3277	/													
SM3001	CN/JM/PH	8"	.322"	C	D5	3	3278	/													
SM3002	CNJM/SK	8"	.322"	C	D5	3	3279	/													
SM3003	CN/JM/MV	8"	.322"	C	D5	3	3280	/													
SM3004	CN/JM/PH	8"	.322"	C	D5	3	3281	/													
SM3005	CNJM/SK	8"	.322"	C	D5	3	3282	/													
SM3006	CN/JM/MV	8"	.322"	C	D5	3	3283	/													
SM3007	CN/JM/PH	8"	.322"	C	D5	3	3292	/													
SM3008	CNJM/SK	8"	.322"	C	D5	3	3293	/													
SM3009	CN/JM/MV	8"	.322"	C	D5	3	3294	/													
SM3010	CN/JM/PH	8"	.322"	C	D5	3	3295	/													
SM3011	CNJM/SK	8"	.322"	C	D5	3	3296	/													



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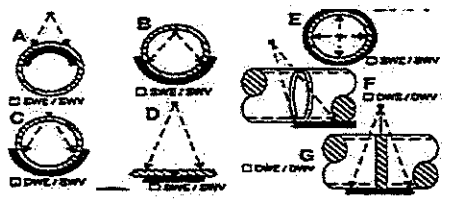
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 8/3/2013	**Page** 3 **of** 3
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM3012		CN/JM/MV	8"	.322"	C	D5	3	3297	/													
SM3013		CN/JM/SK	8"	.322"	C	D5	3	3298	/													
SM3014		CN/JM/PH	8"	.322"	C	D5	3	3299	/													
SM3015		CN/JM/MV	8"	.322"	C	D5	3	3300	/													
SM3016		CN/JM/SK	8"	.322"	C	D5	3	3301	/													
SM3017		CN/JM/PH	8"	.322"	C	D5	3	3302	/													
SM3018		CN/JM/MV	8"	.322"	C	D5	3	3303	/													
SM3019		CN/JM/SK	8"	.322"	C	D5	3	3304	/													
SM3020		CN/JM/PH	8"	.322"	C	D5	3	3305	/													
SM3021		CN/JM/MV	8"	.322"	C	D5	3	3306	/													
SM3022		CN/JM/SK	8"	.322"	C	D5	3	3307	/													
SM3023		CN/JM/PH	8"	.322"	C	D5	3	3308	/													
SM3024		CN/JM/MV	8"	.322"	C	D5	3	3309	/													
SM3025		CN/JM/SK	8"	.322"	C	D5	3	3310	/													
SM3026		CN/JM/PH	8"	.322"	C	D5	3	3311	/													
SM3027		CN/JM/MV	8"	.322"	C	D5	3	3312	/													
SM3028		CN/JM/SK	8"	.322"	C	D5	3	3313	/													
SM3029		CN/JM/PH	8"	.322"	C	D5	3	3314	/													
SM3030		CN/JM/MV	8"	.322"	C	D5	3	3315	/													
SM3031		CN/JM/SK	8"	.322"	C	D5	3	3316	/													



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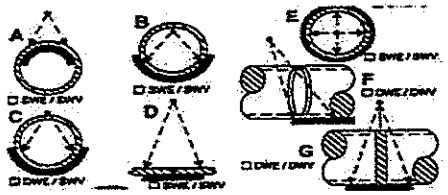
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 7/30/2013	**Page** 2 **of** 3
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 100 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size:** ☐ .05 ☐ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2583		CN/JM/MV/SK	8"	.322"	C	278	3	2781	/													
SM2584		CN/JM/MV/PH	8"	.322"	C	D5	3	2782	/													
SM2585		CN/JM/MV/SK	8"	.322"	C	D5	3	2783	/													
SM2586		CN/JM/MV/PH	8"	.322"	C	D5	3	2784	/													
SM2587		CN/JM/MV/SK	8"	.322"	C	D5	3	2786	/													
SM2588		CN/JM/MV/PH	8"	.322"	C	D5	3	2687	/													
SM2589		CN/JM/MV/SK	8"	.322"	C	D5	3	2588	/													
SM2590		CN/JM/MV/PH	8"	.322"	C	D5	3	2489	/													
SM2591		CN/JM/MV/SK	8"	.322"	C	D5	3	2390	/													
SM2592		CN/JM/MV/PH	8"	.322"	C	D5	3	2291	/													
SM2593		CN/JM/MV/SK	8"	.322"	C	D5	3	2192	/													
SM2594		CN/JM/MV/SK	8"	.322"	C	D5	3	2800	/													
SM2595		CN/JM/MV/PH	8"	.322"	C	D5	3	2801	/													
SM2596		CN/JM/MV/PH	8"	.322"	C	D5	3	2802	/													
SMB252		CN/MV	8"	.322"	C	D5	3	3127	/													
SMB253		CN/MV	8"	.322"	C	D5	3	3126	/													
SMB254		CN/MV	8"	.322"	C	D5	3	3125	/													
SMB255		CN/MV	8"	.322"	C	D5	3	3124	/													
SMB256		CN/MV	8"	.322"	C	D5	3	3123	/													
SMB257		CN/MV	8"	.322"	C	D5	3	3122	/													



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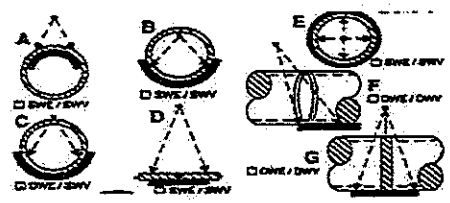
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 8/2/2013	**Page** 4 **of** 5
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 90 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size** ☐ .05 ☑ .16 ☑ **Diag:**	**Film Load:** ☑ Single ☐ Double

Weld Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SM2899		JM/MV/CW	8"	.322"	C	D5	3	3173	/													
SM2900		JM/MV/GU	8"	.322"	C	D5	3	3174	/													
SM2901		JM/MV/CW	8"	.322"	C	D5	3	3180	/													
SM2902		JM/MV/GU	8"	.322"	C	D5	3	3181	/													
SM2903		JM/MV/CW	8"	.322"	C	D5	3	3180	/													
SM2904		JM/MV/GU	8"	.322"	C	D5	3	3182	/													
SM2905		JM/MV/CW	8"	.322"	C	D5	3	3184	/													
SM2906		JM/MV/GU	8"	.322"	C	D5	3	3185	/													
SM2907		JM/MV/GU	8"	.322"	C	D5	3	3186	/													
SM2908		JM/MV	8"	.322"	C	D5	3	3187	/													
SM2909		JM/MV	8"	.322"	C	D5	3	3188	/													
SM2910		JM/MV	8"	.322"	C	D5	3	3189	/													
SM2911		JM/MV	8"	.322"	C	D5	3	3190	/													
SMB283		CN/MV	8"	.322"	C	D5	3	3153BR	/													
SMB284		CN/MV	8"	.322"	C	D5	3	3154BR	/													
SMB285		CN/MV	8"	.322"	C	D5	3	3155BR	/													
SMB286		CN/MV	8"	.322"	C	D5	3	3156BR	/													
SMB287		CN/MV	8"	.322"	C	D5	3	3157BR	/													
SMB288		CN/MV	8"	.322"	C	D5	3	3176BR	/													



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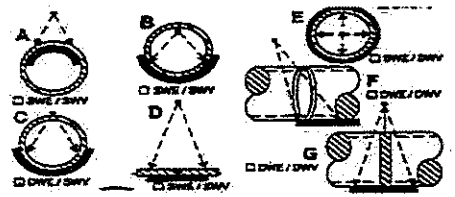
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 6/24/2013	**Page** 1 **of** 1
Client Job : SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 72 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ **Diag:**		**Film Load:** ☑ **Single** ☐ **Double**	

Weld No.	Prefix	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SMB107		GR	8"	.322"	C	D5	3	282	/													Rain delay in morning and waited on Tie ins
SMB108		GR	8"	.322"	C	D5	3	283	/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel			Total Hours
2		2	MILES:160	7:00AM	TO 3:00PM	8

Level II Radiographer: TIM BRELJE LEVEL 2 **Client Reviewer:**

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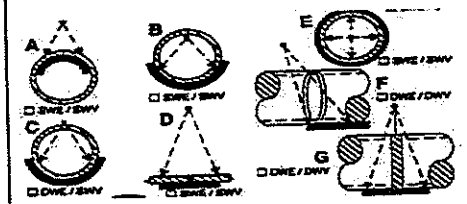
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT			**Date:** 6/28/2013	**Page** 3 of 3
Client Job No: SUMMIT MIDSTREAM	**AFE No.:**			**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**		**Accept. Standard:** API 1104 20TH ED	
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 73 Ci		**KV:** N/A	**MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑	**Diag:**	**Film Load:** ☑ Single ☐ Double	

We Id No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SMT16		CN/CN/BH	8"	.322"	C	D5	3	F3	/													



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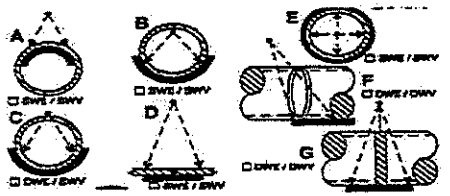
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 7/6/2013	**Page** 2 **of** 2
Client Job : SUMMIT MIDSTREAM	**AFE No.:**	**Project Location:** FORTUNA, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
PO # N/A	**Radiation Source:** IR-192	**Source Strength:** 118 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☐ .16 ☑ Diag:	**Film Load:** ☑ Single ☐ Double

We Id No. Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	UPSTREAM JOINT PFS	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SMT89	BH	8"	.322"	C	D5	3	808A	/													
SMT90	BH	8"	.322"	C	D5	3	825	/													
SMT91	BH	8"	.322"	C	D5	3	827	/													
SMT92	BH	8"	.322"	C	D5	3	828	/													
SMT93	PH	8"	.322"	C	D5	3	662	/													
SMT94	PH	8"	.322"	C	D5	3	663	/													
SMT95	PH	8"	.322"	C	D5	3	F7	/													



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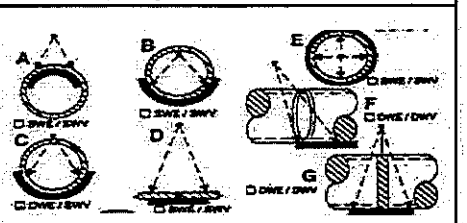
Radiography Report

BIC Proj. No.: BM-13-02549	**Client:** SUMMIT	**Date:** 6/11/2013	**PAGE 1 of 2**
Client Job No.:	**AFE No.:**	**Project Location:** EPPING, ND	
PROCEDURE: BIC-RT-API-1104	**Weld Proc. No.:**	**Governing Spec.:**	**Accept. Standard:** API 1104 20TH ED
N/A	**Radiation Source:** IR-192	**Source Strength:** 59 Ci	**KV:** N/A **MA:** N/A
Material: Carbon Steel	**Reinforcement (in.):** .125	**Focal Spot Size (in.):** ☐ .05 ☑ .16 ☑ Diag:	**Film Load:** ☑ Single ☐ Double

Weld No.	Prefix -	Welder Stencil	Pipe Size or SFD (in.)	Pipe/Plate Thickness (in.)	Technique	Film Type (D3/D4/D5/D7,50,80,100)	No. of Film	Upstream Joint #	Accept (/)	Reject (X)	Porosity	Slag or Inclusion	Crack	Incomplete Fusion	Inadequate Penetration	External Undercut	Internal Undercut	Burn Thru	Internal Concavity	High-Low	Film Artifact	Remarks/Comments
SMB29		cn/rh	8"	.322"	C	D5	3	244	/													
SMB30		cn/rh	8"	.322"	C	D5	3	245	/													
SMB31		cn/rh	8"	.322"	C	D5	3	246	/													
SMB32		cn/rh	8"	.322"	C	D5	3	247	/													
SMB33		cn/rh	8"	.322"	C	D5	3	248	/													
SMB34		cn/rh	8"	.322"	C	D5	3	249	/													
SMB35		cn/rh	8"	.322"	C	D5	3	250	/													
SMB36		cn/rh	8"	.322"	C	D5	3	251	/													
SMB37		cn/rh	8"	.322"	C	D5	3	252	/													
SMB38		cn/rh	8"	.322"	C	D5	3	253	/													
SMB39		cn/rh	8"	.322"	C	D5	3	254	/													
SMT 1		RH	8"	.322"	C	D5	3		/													
SMT 2		RH	8"	.322"	C	D5	3		/													
SMT 3		RH	8"	.322"	C	D5	3		/													



# OF WELDS RADIOGRAPHED	NUMBER OF RADIOGRAPHIC PERSONNEL		Travel				Total Hours
33		3	MILES:230	5:30AM	TO	8:30PM	15

Level II Radiographer: DEVAN BLAINE LEVEL II **Client Reviewer:**

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