



**KIRPALANEY & ASSOCIATES
(ENGINEERS) PRIVATE LIMITED**

ENGINEERS | ARCHITECTS | CONSULTANTS

PIPE SPOOLING SERVICES

PIPE SPOOLING SERVICES USING HEXAGON SMARTPLANT SPOOLGEN



Increased Productivity

A set of spool drawings from a single design isometric can be created in 15 minutes or less. All the user needs to do is "mark up" the locations of field welds. No drafting is required.



Improved Efficiency

Spoolgen enables you to employ relatively unskilled or junior engineering resources and yet still create high-quality drawings and reports. Users do not need a detailed knowledge of CAD to use Spoolgen.



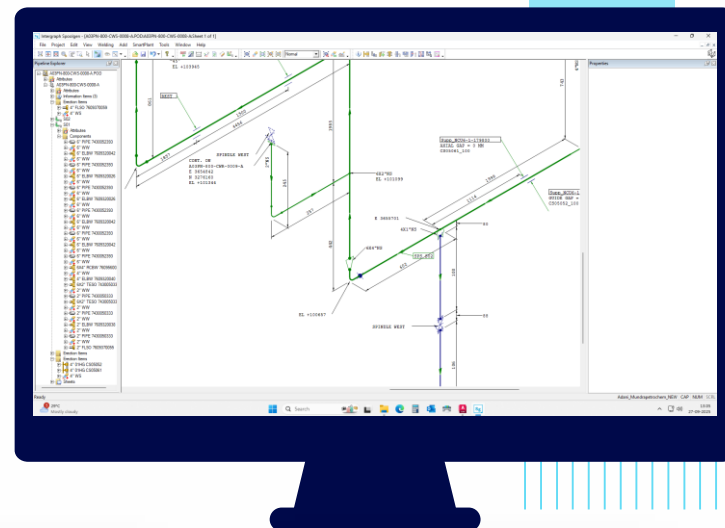
Consistency of Output

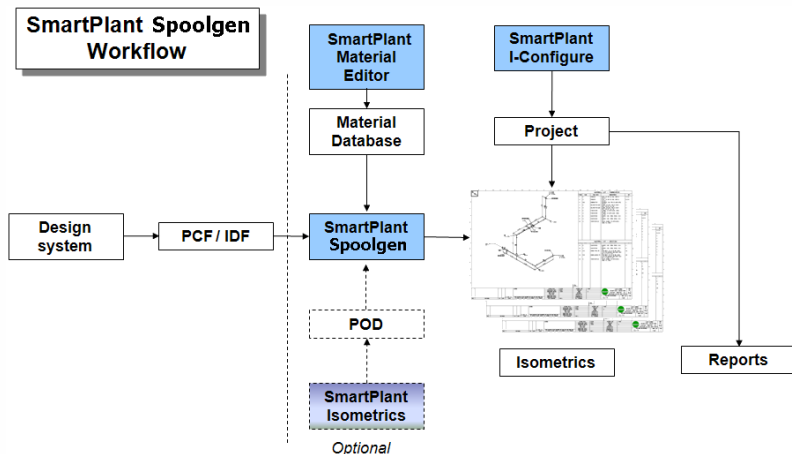
When manual or CAD-based drafting is used, the individual style of the draftsman can vary considerably. Spoolgen is completely automated – all drawings can be configured so that they have a consistent presentation.



Support for Data Centric Workflows

Spoolgen collects data as you work, storing all versions as your design changes. It comes ready to integrate with Microsoft Power BI. The Spoolgen data store and API is "cloud ready" – digitally transforming your workflows.





Intergraph Spoolgen | 10

INPUT FILES

- .IDF File
- .PCF File
- .POD File
- Hand Sketches



OUTPUT DATAS

- * Erection BOM
 - * Spool BOM
 - * Spool Info File
- * Centre line Info File
 - * Erection Weld File
 - * Spool Weld File
 - * Erection Info File
- * Spoolgen Plus input Files (Field, Shop, Info,)
 - * SpoolMan Input files (comp, Line & Joints)
 - * Customized Input files for Downstream software's

OUT PUT Drawings

- * Erection Drawings
 - * Spool Sheets
- * Combined Isometrics
 - * Weld Mapped Isometrics



SERVICES AND CAPABILITIES

PIPE SPOOLING SERVICES

☑ **Custom Spoolgen Configuration** aligned with client and fabrication workflows

☑ **Automated Isometric & Spool Drawing Generation** with fabrication data outputs

☑ **Compliance** with ASME, ANSI, and client-specific QA requirements

☑ **Complete Data Traceability** — Weld logs, BOMs, shop drawings, and tag mapping

☑ **Rapid Turnaround** and minimal rework with disciplined document control

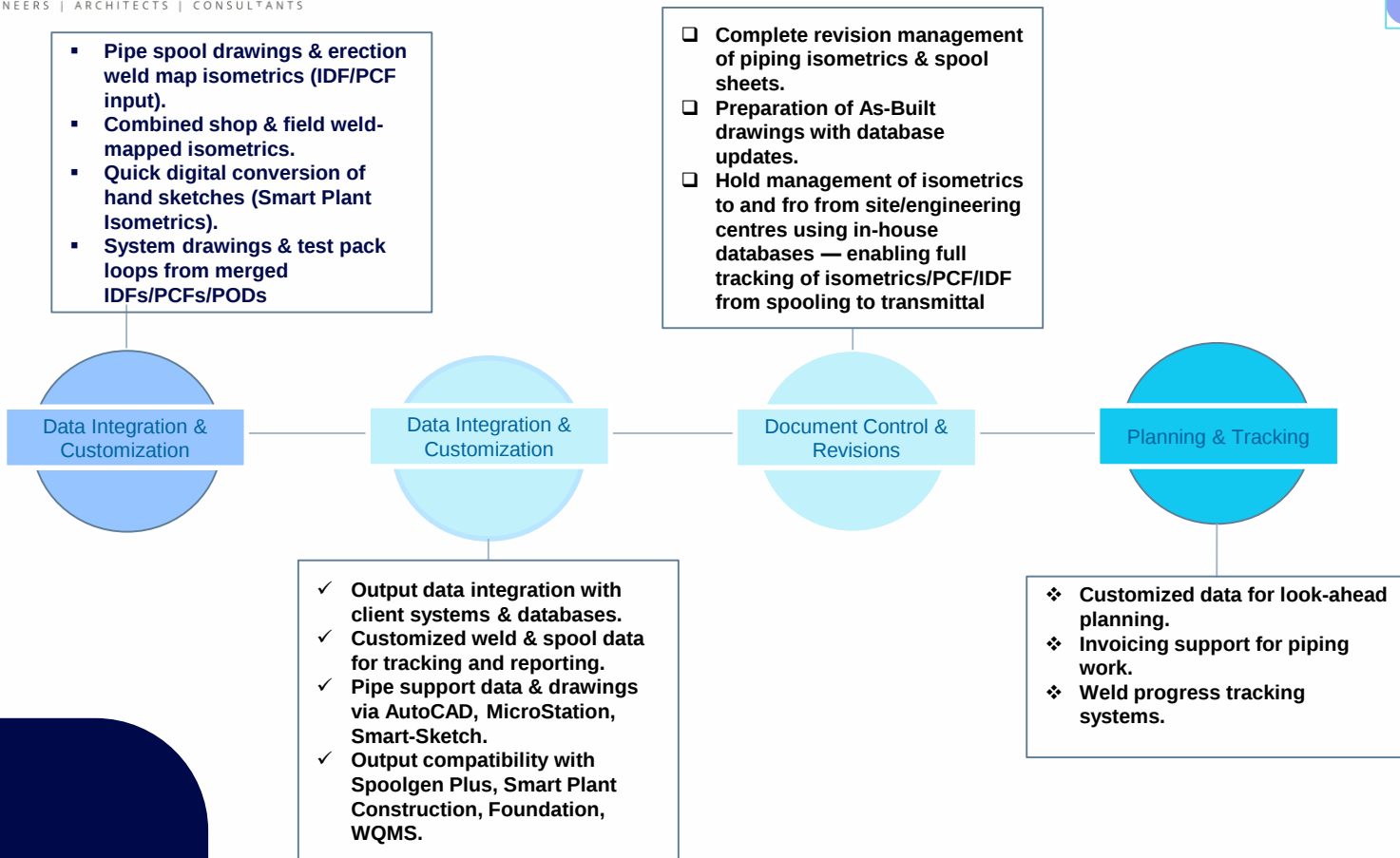
☑ **Scalable Processing** — Over **500,000+** isometrics delivered across mega-projects

- ❖ Access to experienced & specialized professionals: piping engineers, spoolers, checkers, software/database administrators, AutoCAD/MicroStation/Smart-Sketch drafters, construction engineers, project managers.
- ❖ Accurate, consistent drawing outputs with high-level quality management per client specifications.
- ❖ Customization, configuration & integration of spooling software as per requirements.
- ❖ Proven Spoolgen execution capability with multiple project handling, server-based databases, FTP upload/download.
- ❖ Seamless data flow from design while maintaining integrity.
- ❖ Faster processing with reduced turnaround time.
- ❖ Error resolution in IDF/PCF files in collaboration with design engineering centre's / clients.
- ❖ Robust infrastructure: high-end servers, PCs, secure networks ensuring confidentiality.
- ❖ Customized daily/weekly progress reports (MTO, weld details, support lists, spool lists, paint requirements, cut lengths, erection info, inch dia/meter, centreline length, weight, surface area, etc.) — delivered well before fabrication start up for efficient planning.



SERVICES AND CAPABILITIES

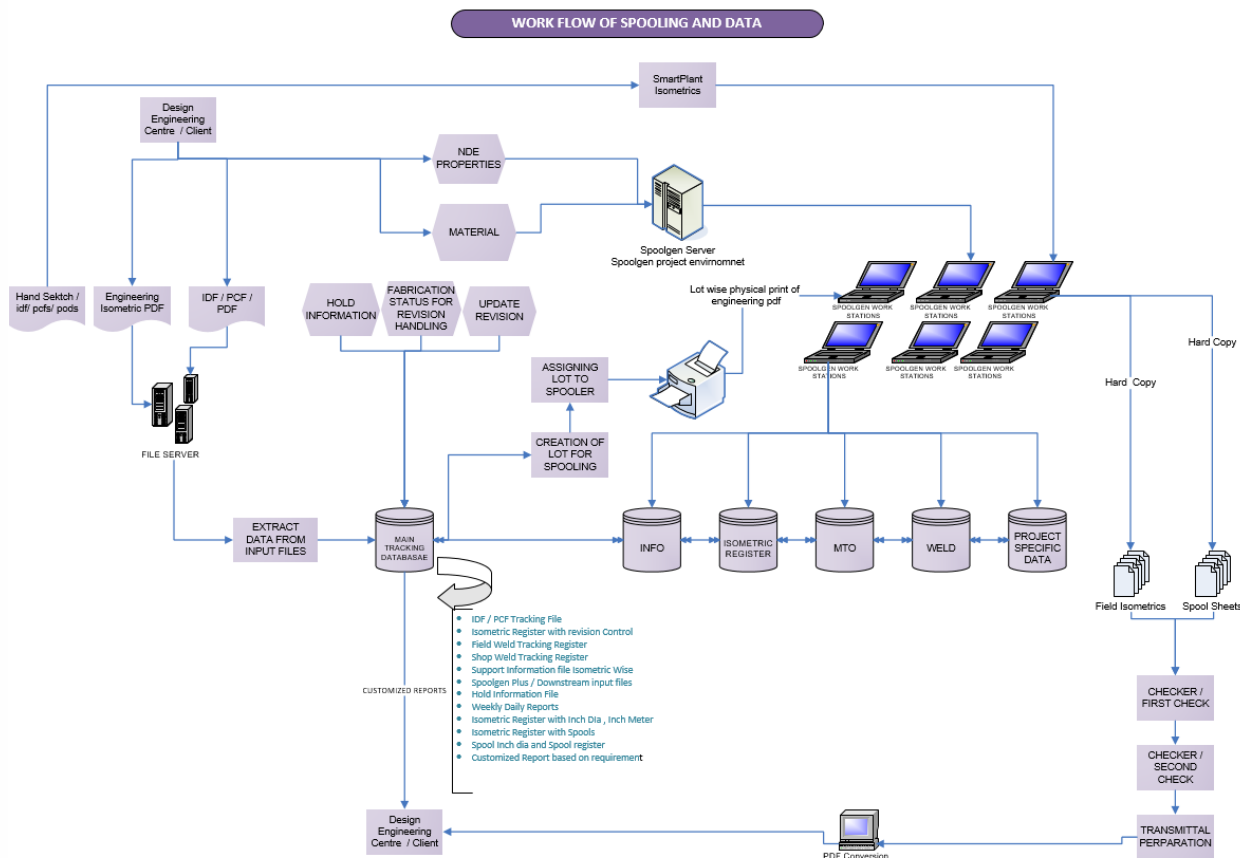
PIPE SPOOLING SERVICES





WORK FLOW - SPOOLING OPERATIONS

PIPE SPOOLING SERVICES



PIPE SPOOLING PROJECTS - USING SPOOLGEN

PROJECT	CLIENT	SCOPE	YEAR	SPOOLING METHODOLOGY
JAMNAGAR REFINERY PROJECT- J1	RELIANCE INDUSTRIES LTD	Field Design and Engineering Services & Spoolgen (Approx. – 100000 Isometrics)	1998	Clients Location, Clients Spoolgen Licenses and Clients Infrastructure
JAMNAGAR REFINERY PROJECT J2 - JERP	RELIANCE INDUSTRIES LTD		2007-2011	Clients Location, Clients Spoolgen Licenses and Clients Infrastructure
JAMNAGAR REFINERY PROJECT- J3	RELIANCE INDUSTRIES LTD	420,000 Isometrics	2013 -2018	Clients Location, Clients Spoolgen Licenses and Clients Infrastructure
DMD – RELIANCE 55KTVA	WORLEY SERVICES INDIA PVT LTD.	2600 Isometrics	ONGOING - 2025	Our own Location, Licenses and Infrastructure.
ADANI – MPL PROJECT	ADANI – MPL PROJECT	20000 Isometrics	ONGOING - 2025	Our own Location, Licenses and Infrastructure.
DMD – RELIANCE – CHLOR ALKAI (CA)	TATA CONSULTING ENGINEERS	4346 Isometrics	ONGOING - 2025	Our own Location, Licenses and Infrastructure.



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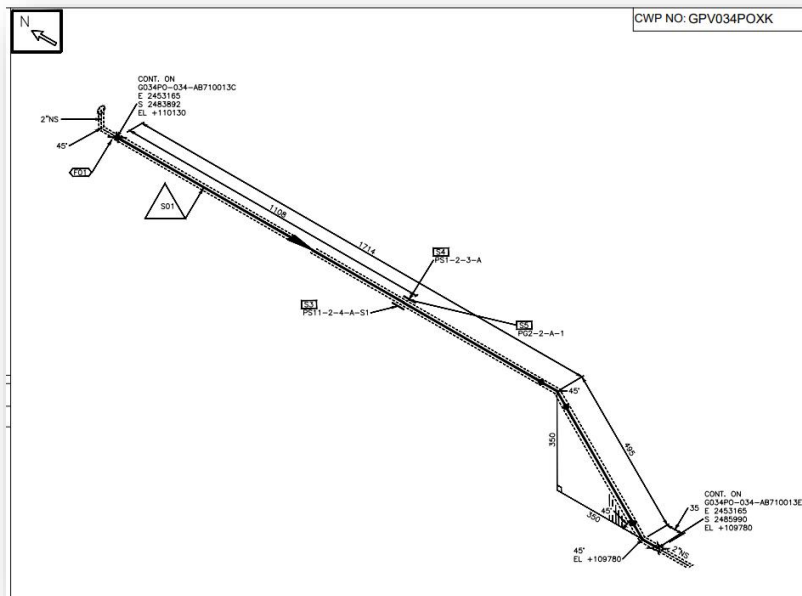
SAMPLE - DRAWINGS

PROJECT : RELIANCE DMD PROJECT - CPVC 55 KTVA

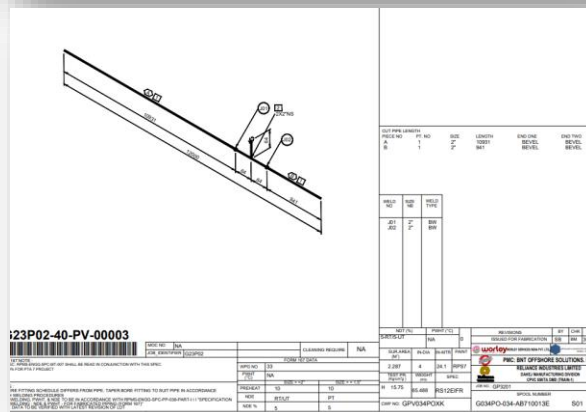
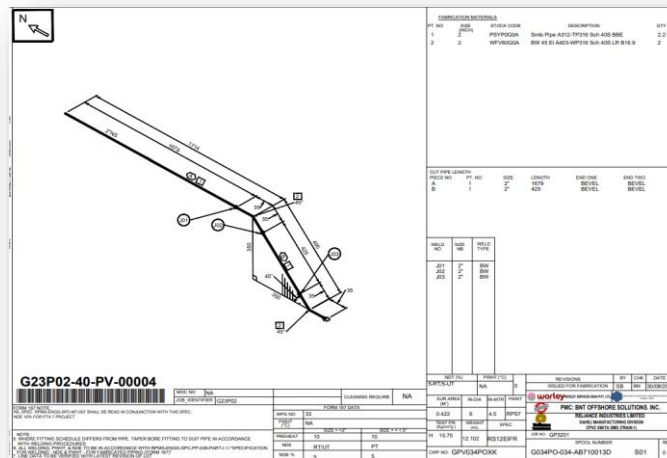
CLIENT : **WORLEY INDIA PVT LTD**

PIPE SPOOLING SERVICES

ERECTION ISOMETRIC



SAMPE SPOOL SHEET





DATA DELIVERABLES

Name

G034PO-034-AB710013D-E-001.DWG	S_G034PO-034-AB710013D.xlsx
G034PO-034-AB710013D-S01.DWG	S_G034PO-034-AB710013E.xlsx
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G034PO-034-AB710013E-S01.DWG	W_G034PO-034-AB710013E.xlsx
R00G034PO-034-AB710013D-E.LIS	R00G034PO-034-AB710013D-E.MTC
R00G034PO-034-AB710013D-S.LIS	R00G034PO-034-AB710013D-S.MTC
R00G034PO-034-AB710013E-E.LIS	R00G034PO-034-AB710013E-E.MTC
R00G034PO-034-AB710013E-S.LIS	R00G034PO-034-AB710013E-S.MTC
G034PO-034-AB710013D-E-001-Model.pdf	R00G034PO-034-AB710013D.txt
G034PO-034-AB710013D-S01-Model.pdf	R00G034PO-034-AB710013E.txt
G034PO-034-AB710013E-E-001-Model.pdf	SPOOL-INFORMATION-FILE.txt
G034PO-034-AB710013E-S01-Model.pdf	
KAPL-0000000-S.CSV	
F_G034PO-034-AB710013D.xlsx	
F_G034PO-034-AB710013E.xlsx	
KAPL-0000000-C.xlsx	
KAPL-0000000-E.xlsx	
L_G034PO-034-AB710013D.xlsx	
L_G034PO-034-AB710013E.xlsx	
S_G034PO-034-AB710013D.xlsx	
S_G034PO-034-AB710013E.xlsx	

*** Data Deliverables as per
Reliance latest Spooling
Procedure**

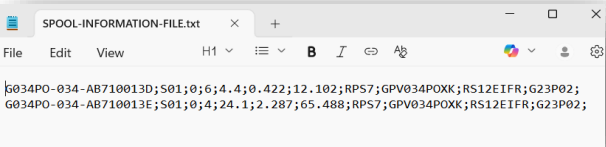
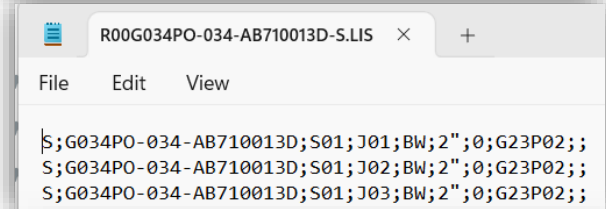
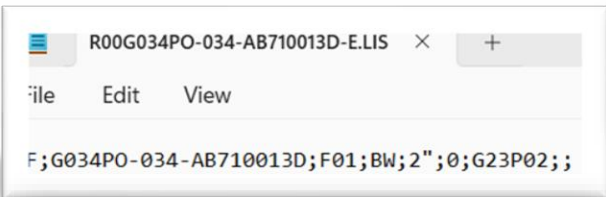
**E – MTC files
E – LIS files
S – MTC files
S – LIS files
Spool Info Files
F File
M File
W File
L File
Centreline info File
Flange Joint File
Erection Info File**



PROJECT : RELIANCE DMD PROJECT – CPVC 55 KTVA
CLIENT : WORLEY INDIA PVT LTD

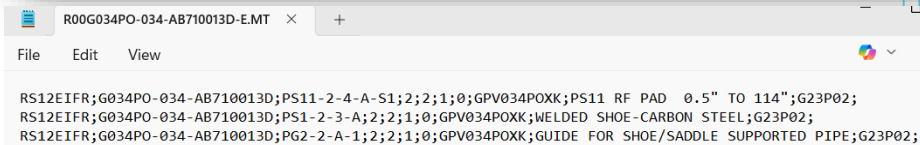
PIPE SPOOLING SERVICES

DATA DELIVERABLES



Isometric-Number	Spoolgen-Spool-ID	Revision	COST-FACTOR1	SPOOL-FACTOR	SPOOL-SURFACE-AREA	SPOOL-WEIGHT	PAINT CODE	CWP-NUMBER	PIPE-CLASS	JOB_Identifier	MOC_Identifier
G034PO-034-AB710013D	S01	0	0	4.4	0.422	12.102	RPS7	GPV034POXX	RS12EIFR	G23P02	
G034PO-034-AB710013E	S01	0	0	24.1	2.287	65.488	RPS7	GPV034POXX	RS12EIFR	G23P02	

Isometric	Spec	Rev	NS	CentreLine	JOB_Identifier	MOC_Identifier
G034PO-034-AB710013D	RS12EIFR	0	2	2.236	G23P02	
G034PO-034-AB710013E	RS12EIFR	0	2	24.064	G23P02	



Line-ID	Group	ComponentType	WeldNo	IDFRevNo	Category	Loc	WeldType	WeldNS	Status	PTSCode1	PTSCode2	Component1	Component2	Material1	Material2	OD1	OD2	Thk1	Thk2	PreHeat_T		
G034PO-034-AB710013D	Welds	Site-Weld	F01	0	ERECTION	F	BW	2		WVFV60G0A	2.000	PSYPOG0A	2.000	Elbow-45	Pipe	SS 316	SS 316	60	60	3.91	3.91	10

Isometric	Spec	Rev	ErectionFactor	Pipeline	SurfaceArea	Pipeline	Dummy	Insulation	Trace	UNITFLUIDSEQ	DESGAREA	CWPNO	PAINTCODE	PRIMARYPID	JOB_Identifier	MOC_Identifier
G034PO-034-AB710013D	RS12EIFR	0	4.474		0.422	SP 40 mm	SP 40 mm	NA	034-AB-710013	G034PO	GPV034POXX	RPS7	GP3201-G42-PV034-710707(REV-02)	G23P02		
G034PO-034-AB710013E	RS12EIFR	0	48.128		4.567	SP 40 mm	SP 40 mm	NA	034-AB-710013	G034PO	GPV034POXX	RPS7	GP3201-G42-PV034-710707(REV-02)	G23P02		

Isometric Number	Spool Number	Spoolgen-Spool-ID	Spool-ID	Group	ComponentType	WeldNo	CptNo	No	Category	Status	SKEY	Loc	WeldType	Type	WeldNS
G034PO-034-AB710013D	1	S01	G034PO-034-AB710013D-S01	Welds	Workshop-Weld	J01		J01	FABRICATION		WW	S	BW	BW	2
G034PO-034-AB710013D	1	S01	G034PO-034-AB710013D-S01	Welds	Workshop-Weld	J02		J02	FABRICATION		WW	S	BW	BW	2
G034PO-034-AB710013D	1	S01	G034PO-034-AB710013D-S01	Welds	Workshop-Weld	J03		J03	FABRICATION		WW	S	BW	BW	2

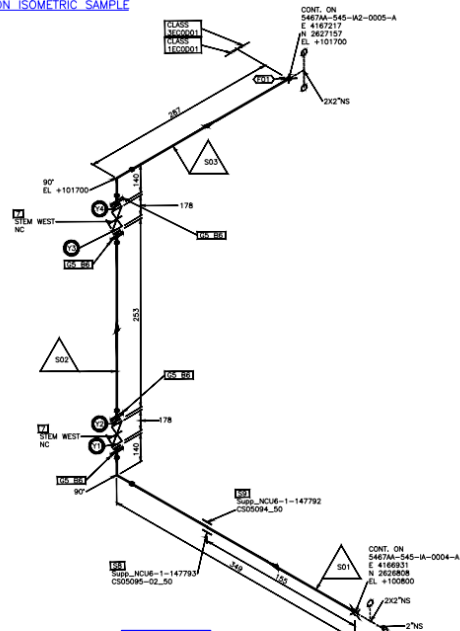
SAMPLE – DRAWINGS

PROJECT : ADANI MPL CLIENT : ADANI

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ERECTION ISOMETRIC

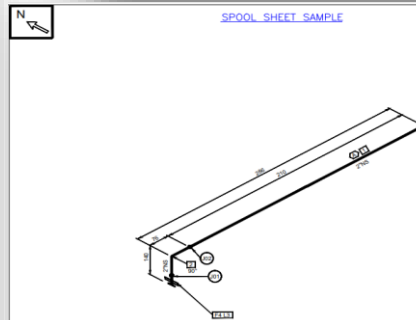
AN ERECTION ISOMETRIC SAMPLE



Measurements to be in Accordance with Table-1

[illegible]

N _____ SPOOL SHEET SAMPLE

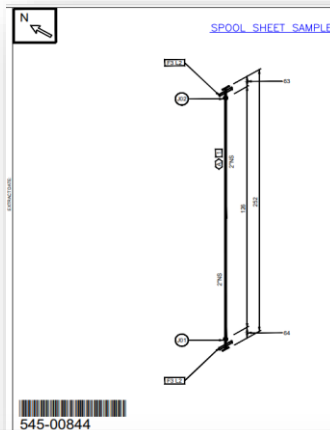

545-00845

1. All NJE Examination Requirements to let in Accordance with Table 1 MO000-PP-000-EC-002

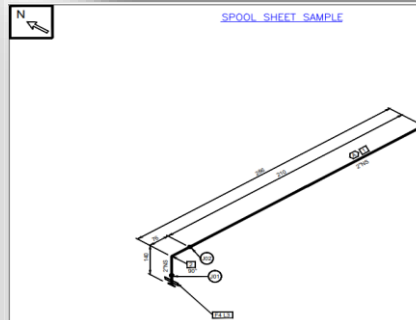
Anywhere in the World																		
SIMP#	SPEC	PART	TEST TYPE	TEST MEDIA	TEST FREQ	PASS/F	DLSA	RQ/RT	SUB AREA	WEIGHT (S)	CMP NO	NOT RECORDED			INSPECTION CLASS	REASON FOR REJECTION	Project Title	Phase #
												TYPE	BY	BY				
NON-IBR	1EC0001	NA	Service	Corrosion	NO	4.0	5.8	0.75	4.4	80/AAP1				IN	1		5467-IA-545-IA-0306-A-503	

SAMPE SPOOL SHEET

SPOOL SHEET SAMPLE

[illegible]

SPOOL SHEET SAMPLE

[illegible]

Sample company Limited

Phase #10	
SPILL NUMBER	
5467AA-545-1A-0036-A-S03	



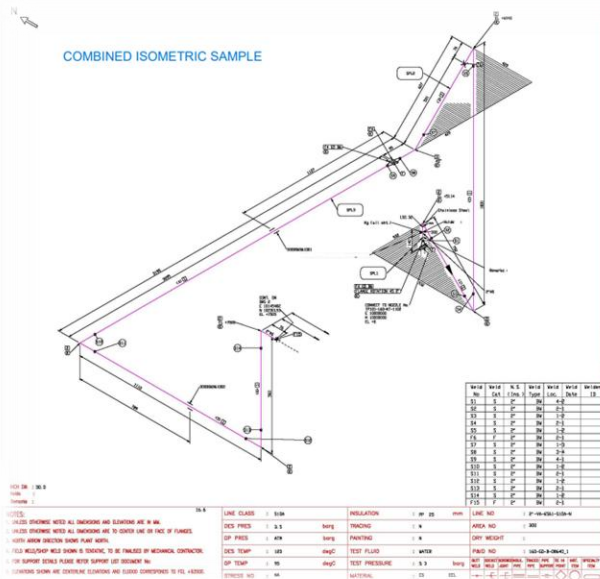
SAMPLE - DRAWINGS

PROJECT : PAST PROJECTS

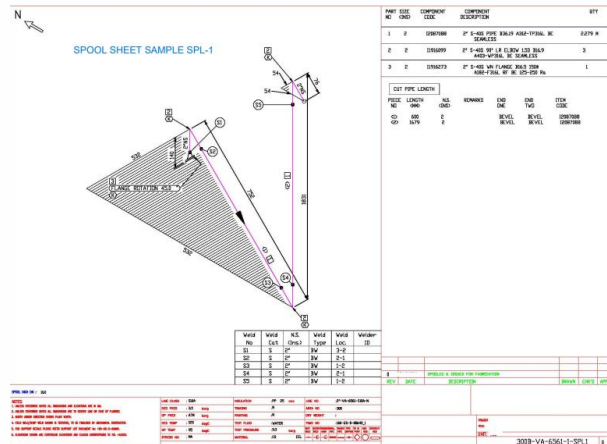
PIPE SPOOLING SERVICES

ERECTION ISOMETRIC

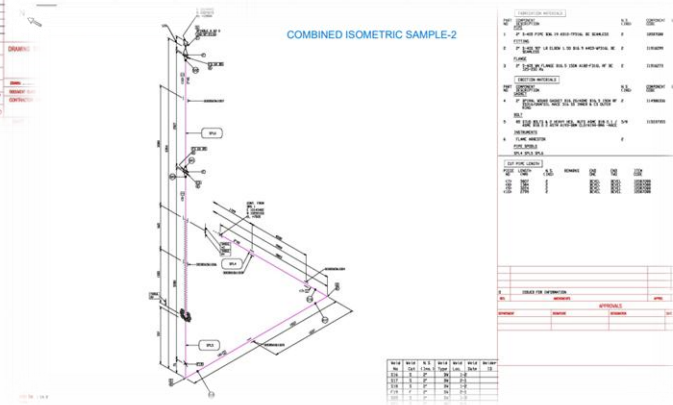
COMBINED ISOMETRIC SAMPLE



SAMPE SPOOL SHEET



COMBINED ISOMETRIC SAMPLE-2





DATA DELIVERABLES

300B-VA-6561-1	300B-VA-6561-1-SPL1	I2087088	2	2	2.279 M	PIPE	SPOOL.MTC	2" S-40S PIPE B36.19 A312-TP316L BE SEAMLESS	0	S10A
300B-VA-6561-1	300B-VA-6561-1-SPL1	I1916099	2	2	3	FITTING	2" S-40S 90° LR ELBOW 1.5D B16.9 A403-WP316L BE SEAMLESS	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL1	I1916273	2	2	1	FLANGE	2" S-40S WN FLANGE B16.5 150# A182-F316L RF BE 125-250 Ra	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL2	I2087088	2	2	0.500 M	PIPE	2" S-40S PIPE B36.19 A312-TP316L BE SEAMLESS	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL2	I1916085	2	2	1	FITTING	2" S-40S 45° LR ELBOW 1.5D B16.9 A403-WP316L BE SEAMLESS	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL2	I1916273	2	2	1	FLANGE	2" S-40S WN FLANGE B16.5 150# A182-F316L RF BE 125-250 Ra	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL3	I2087088	2	2	4.321 M	PIPE	2" S-40S PIPE B36.19 A312-TP316L BE SEAMLESS	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL3	I1916099	2	2	3	FITTING	2" S-40S 90° LR ELBOW 1.5D B16.9 A403-WP316L BE SEAMLESS	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL3	I1916273	2	2	1	FLANGE	2" S-40S WN FLANGE B16.5 150# A182-F316L RF BE 125-250 Ra	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL4	I2087088	2	2	7.191 M	PIPE	2" S-40S PIPE B36.19 A312-TP316L BE SEAMLESS	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL4	I1916099	2	2	2	FITTING	2" S-40S 90° LR ELBOW 1.5D B16.9 A403-WP316L BE SEAMLESS	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL5	I2087088	2	2	3.224 M	PIPE	2" S-40S PIPE B36.19 A312-TP316L BE SEAMLESS	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL5	I1916273	2	2	1	FLANGE	2" S-40S WN FLANGE B16.5 150# A182-F316L RF BE 125-250 Ra	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL6	I2087088	2	2	2.799 M	PIPE	2" S-40S PIPE B36.19 A312-TP316L BE SEAMLESS	0	S10A	
300B-VA-6561-1	300B-VA-6561-1-SPL6	I1916273	2	2	2	FLANGE	2" S-40S WN FLANGE B16.5 150# A182-F316L RF BE 125-250 Ra	0	S10A	

300	300B-VA-6561-1	S10A	300B-VA-6561-1-SPL1	N	10.0	PP	25	N	2"-VA-6561-S10A-N	WATER	5.3	160-GE-D-65480	160-GE-D-08640_1	0
300	300B-VA-6561-1	S10A	300B-VA-6561-1-SPL2	N	4.0	PP	25	N	2"-VA-6561-S10A-N	WATER	5.3	160-GE-D-65480	160-GE-D-08640_1	0
300	300B-VA-6561-1	S10A	300B-VA-6561-1-SPL3	N	12.0	PP	25	N	2"-VA-6561-S10A-N	WATER	5.3	160-GE-D-65480	160-GE-D-08640_1	0
300	300B-VA-6561-1	S10A	300B-VA-6561-1-SPL4	N	6.0	PP	25	N	2"-VA-6561-S10A-N	WATER	5.3	160-GE-D-65480	160-GE-D-08640_1	0
300	300B-VA-6561-1	S10A	300B-VA-6561-1-SPL5	N	2.0	PP	25	N	2"-VA-6561-S10A-N	WATER	5.3	160-GE-D-65480	160-GE-D-08640_1	0
300	300B-VA-6561-1	S10A	300B-VA-6561-1-SPL6	N	4.0	PP	25	N	2"-VA-6561-S10A-N	WATER	5.3	160-GE-D-65480	160-GE-D-08640_1	0

SPOOL INFORMATION FILE.

FULLISO-WELD-INFO.WLD									
300B-VA-6561-1	SPL1	S1	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL1	S2	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL1	S3	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL1	S4	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL1	S5	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL1	F6	2"	F	BW	S10A	N	PP	25
300B-VA-6561-1	SPL2	S7	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL2	S8	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL3	S9	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL3	S10	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL3	S11	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL3	S12	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL3	S13	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL3	S14	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL4	F15	2"	F	BW	S10A	N	PP	25
300B-VA-6561-1	SPL4	S16	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL4	S17	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL4	S18	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL4	F19	2"	F	BW	S10A	N	PP	25
300B-VA-6561-1	SPL5	S20	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL6	S21	2"	S	BW	S10A	N	PP	25
300B-VA-6561-1	SPL6	S22	2"	S	BW	S10A	N	PP	25

SPOOL.TXT										
WATER	5.3	160-GE-D-65480	160-GE-D-08640	1	0					
WATER	5.3	160-GE-D-65480	160-GE-D-08640	1	0					
WATER	5.3	160-GE-D-65480	160-GE-D-08640	1	0					
WATER	5.3	160-GE-D-65480	160-GE-D-08640	1	0					
WATER	5.3	160-GE-D-65480	160-GE-D-08640	1	0					
WATER	5.3	160-GE-D-65480	160-GE-D-08640	1	0					
WATER	5.3	160-GE-D-65480	160-GE-D-08640	1	0					

300	300B-VA-6561-1	FAB	I2087088	2	2	7.100 M	PIPE	2" S-40S PIPE B36.19 A312-TP316L BE SEAMLESS	S10A	0
300	300B-VA-6561-1	FAB	I1916099	2	2	6	FITTING	2" S-40S 90° LR ELBOW 1.5D B16.9 A403-WP316L BE SEAMLESS	S10A	0
300	300B-VA-6561-1	FAB	I1916085	2	2	1	FITTING	2" S-40S 45° LR ELBOW 1.5D B16.9 A403-WP316L BE SEAMLESS	S10A	0
300	300B-VA-6561-1	FAB	I1916273	2	2	3	FLANGE	2" S-40S WN FLANGE B16.5 150# A182-F316L RF BE 125-250 Ra	S10A	0
300	300B-VA-6561-1	EREC	I14986336	2	2	2	GASKET	2" SPIRAL WOUND GASKET B16.20/ASME B16.5 150# RF SS316/GRAPHOL NACE 316 SS INNER & CS OUTER RING	S10A	0
300	300B-VA-6561-1	EREC	I15237355	5/8	5/8	8	BOLT	85 STUD BOLTS & 2 HEAVY HEX. NUTS ASME B18.2.1 / ASME B18.2.2 ASTM A193-B8M CL2/A194-B8A -NACE	S10A	0



REPORT SAMPLES FROM INHOUSE DATABASES

PIPE SPOOLING SERVICES

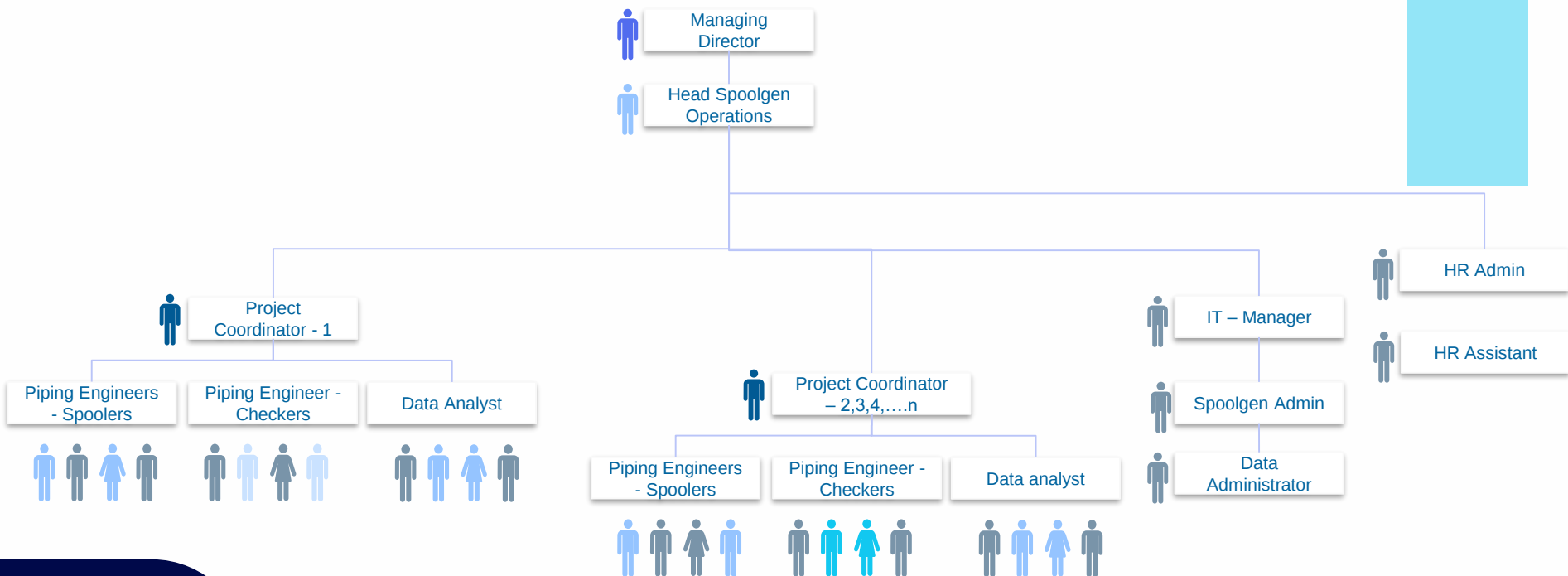
1556		1556		16252.25	36343.5		
LINE_ID	REV_NO	FILE STATUS	LineListMaster	FieldInchDia	ShopInchDia	Priority1	sequence_number
1"-BA-1SA001-719135-NA-NA	0	Transmitted	1"-BA-1SA001-719135-NA-NA	50			719135
1"-BA-1SA001-719136-NA-NA	0	Transmitted	1"-BA-1SA001-719136-NA-NA	7			719136
1"-BA-1SA001-719137-NA-NA	0	Transmitted	1"-BA-1SA001-719137-NA-NA	5			719137
1"-BA-1SA001-719138-NA-NA	0	Transmitted	1"-BA-1SA001-719138-NA-NA	5			719138
1"-BA-1SA001-719139-NA-NA	0	Transmitted	1"-BA-1SA001-719139-NA-NA	9			719139
1"-BA-1SA001-719174-NA-NA	0	Transmitted	1"-BA-1SA001-719174-NA-NA	5			719174
1"-BA-1SA001-719175-NA-NA	0	Transmitted	1"-BA-1SA001-719175-NA-NA	5			719175
1"-BA-1SA001-719176-NA-NA	0	Transmitted	1"-BA-1SA001-719176-NA-NA	5			719176
1"-BA-1SA001-719177-NA-NA	0	Transmitted	1"-BA-1SA001-719177-NA-NA	5			719177
1"-BA-1SA001-719178-NA-NA	0	Transmitted	1"-BA-1SA001-719178-NA-NA	5			719178
1"-BA-1SA001-719179-NA-NA	0	Transmitted	1"-BA-1SA001-719179-NA-NA	5			719179
1"-CA-1CG001-400210-NA-NA	0	Transmitted	1"-CA-1CG001-400210-NA-NA	5			400210
1"-CA-1CG001-400234-NA-NA	0	Transmitted	1"-CA-1CG001-400234-NA-NA	15			400234

Row Labels	Count of LINE_ID	Total InchMeter	Spools	SpoolInch Dia	FieldInch Dia	Total inch dia
-WRL-T-00001-11-05-2025	11	198.378	22	330.3	90	420.3
-WRL-T-00002-15-05-2025	14	213.558	24	241.1	73	314.1
-WRL-T-00003-19-05-2025	17	1719.538	26	534.8	294.75	829.55
-WRL-T-00004-25-05-2025	57	2837.644	68	1615.6	732.5	2348.1
-WRL-T-00005-27-05-2025	75	2305.484	52	1131.1	684.5	1815.6
-WRL-T-00006-30-05-2025	47	2021.565	99	917.1	370	1287.1
-WRL-T-00007-31-05-2025	46	2473.463	100	561.7	329.3	891
-WRL-T-00008-05-06-2025	50	1915.334	100	630.3	276.9	907.2
-WRL-T-00009-07-06-2025	43	2943.832	56	765.5	630.2	1395.7
-WRL-T-00010-13-06-2025	62	29790.848	139	2448	3322	5770
-WRL-T-00011-05-07-2025	42	503.402	73	332.6	171	503.6
-WRL-T-00012-29-06-2025	48	631.503	119	469.2	139.5	608.7
-WRL-T-00013-02-08-2025	76	16163.274	236	4301	2287	6588

4395											4395										
LINE_ID	REV_NO	Column1	IDF STATUS	UNIT NO	LOT NO	Spooler assign date	SPOOLING DONE	CHECKING DONE	APPROVING DONE	FILE STATUS											
000AB-810-PW-0119-A	0	000AB-810-PW-0119-A-0	ACT	810	KAPL_AKRIBION-ADANI-0126	28-08-2025 00:00	30-08-2025 00:00	30-08-2025 00:00	30-08-2025 00:00	Transmitted											
000AB-810-PW-0019-A	0	000AB-810-PW-0019-A-0	ACT	810	KAPL_AKRIBION-ADANI-0126	28-08-2025 00:00	30-08-2025 00:00	30-08-2025 00:00	30-08-2025 00:00	Transmitted											
011AA-810-PW-0110-A	0	011AA-810-PW-0110-A-0	ACT	810	KAPL_AKRIBION-ADANI-0014	01-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	Transmitted											
013AA-810-PW-0114-A	0	013AA-810-PW-0114-A-0	ACT	810	KAPL_AKRIBION-ADANI-0014	01-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	Transmitted											
013AB-810-PW-0465-A	0	013AB-810-PW-0465-A-0	ACT	810	KAPL_AKRIBION-ADANI-0126	28-08-2025 00:00	30-08-2025 00:00	30-08-2025 00:00	30-08-2025 00:00	Transmitted											
013AC-810-PW-0482-A	0	013AC-810-PW-0482-A-0	ACT	810	KAPL_AKRIBION-ADANI-0014	01-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	Transmitted											
013AD-810-PW-0479-A	0	013AD-810-PW-0479-A-0	ACT	810	KAPL_AKRIBION-ADANI-0014	01-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	Transmitted											
013AE-810-PW-0453-A	0	013AE-810-PW-0453-A-0	ACT	810	KAPL_AKRIBION-ADANI-0014	01-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	Transmitted											
015AA-801-AP-0393-A	0	015AA-801-AP-0393-A-0		801						NEW											
015AA-810-PW-0116-A	0	015AA-810-PW-0116-A-0		810	KAPL_AKRIBION-ADANI-0014	01-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	Transmitted											
015AA-814-RW-0321-A	0	015AA-814-RW-0321-A-0		814						NEW											
015AB-801-AP-0395-A	0	015AB-801-AP-0395-A-0		801						NEW											
015AB-810-PW-0103-A	0	015AB-810-PW-0103-A-0		810	KAPL_AKRIBION-ADANI-0014	01-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	Transmitted											
015AB-814-RW-0348-A	0	015AB-814-RW-0348-A-0		814						NEW											
017AA-810-PW-0111-A	0	017AA-810-PW-0111-A-0		810	KAPL_AKRIBION-ADANI-0014	01-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	06-08-2025 00:00	Transmitted											
019AA-801-AP-0055-A	0	019AA-801-AP-0055-A-0		801						NEW											

TYPICAL ORGANOGRAM

PIPE SPOOLING SERVICES



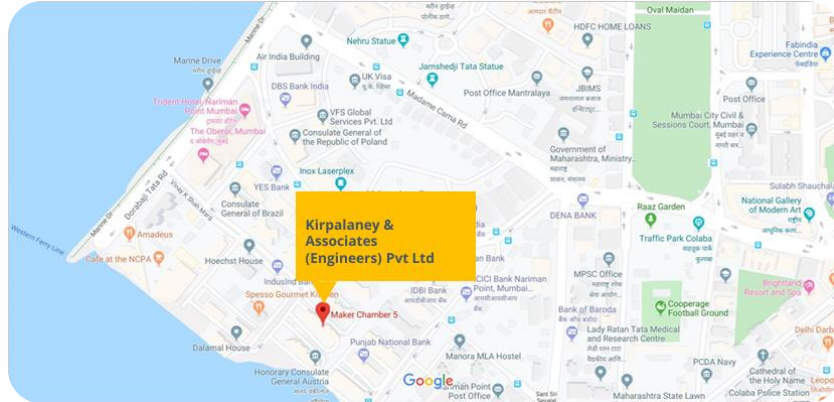


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