

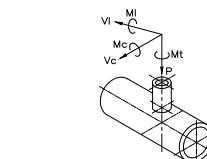
KEY PLAN

FOUNDATION LOADING DATA

PART		EMPTY CONDITION	OPERATING CONDITION	TEST CONDITION	HEAD SHELL FLANGE SKIRT / B FLANGE / C PIPE NOZZLE EXTERNAL
WIND (AT BASE)	SHEAR FORCE [N] MOMENT [Nm]	5336.8 8211.1	5336.8 8211.1	1761.1 2709.7	—
SEISMIC (AT BASE)	SHEAR FORCE [N] MOMENT [Nm]	4094.3 9256.6	4203.1 9436.0	— —	—

	SHELL / REINF. PAD	A516-70 / A516-70	SEE SPEC
ON	HEAD	A516-70	NAME PLATE / BRACKET
	SHELL FLANGE & COVER	A266-2	EARTH LUG
	SKIRT / BASE RING	A516-70 / A516-70N	LIFTING LUG
	FLANGE / BOSS	A105M / A105M	SETTING BOLT/NUT
	PIPE NOZZLE NECK / NECK PLATE	A106-B / -	FILTER ELEMENT
	EXTERNAL WELDED TO SHELL	A516-70	TUBE SHEET
	EXTERNAL BOLTS/NUTS (H.D.G.)	A193-B7/A194-2H	INTERNAL PIPE
	EXTERNAL GASKET	SEE NOTE "7"	INTERNAL (ETC)

TABLE FOR NOZZLE LOAD



NOZZLE MARK	SIZE	P (kgf)	Vc (kgf)	VL (kgf)	Mc (kgf-m)	ML (kgf-m)	Mt (kgf-m)
N1, N2	12"	5570	11140	11140	4950	4950	7920
N6	2"	568	1136	1136	187	187	299.

AS BUILT

ITEM NO : 10-24100-M-FT-02A

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. ALL WELD CONTINUOUS UNLESS OTHERWISE NOTED.
3. ALL BOLT HOLES SHALL STRADDLE THE PRINCIPAL CENTERLINE OF VESSEL UNLESS OTHERWISE SPECIFIED.
4. NOZZLES SHALL BE FLUSH WITH INSIDE OF VESSEL WHEN NOZZLES WOULD

4. NOZZLES SHALL BE FLUSH WITH INSIDE OF VESSEL WHEN NOZZLES WOULD INTERFERE WITH VESSEL INTERVAL.
5. REINFORCING PADS FOR NOZZLES SHALL BE TAPPED WITH

AT LEAST ONE (1) TELL TALE HOLE NP
 LONGITUDINAL C.L.
 1-NPT 1/4" TELL TALE H

6. GASKET CONTACT SURFACE OF FLANGE 125 ~ 250 AARH SPIRAL SERRATED.
7. NOZZLE FLANGE GASKET MATERIAL : SPIRAL WOUND GASKET (#4.5)

7. NOZZLE FLANGE GASKET MATERIAL : SPIRAL WOUND GASKET (14.5)
 - FILLER: GRAPHITE - INNER RING : 304 S.S.
 - HOOP : 304 S.S - OUTER RING : 304 S.S

Spare part
- Start up & Commissioning : Gasket (200K), Bolt/Nut (10% min.
- Two (2) Year operation : Gasket (200K), Bolt/Nut (10% min. 25E)
- Filter cartridge : 400%

9. Painting specification : See painting specification.

10. The drawing above is based on [10-24100-M-FT-02A] only

10. THE DRAWING ABOVE IS BASED ON [10-24100-M-FT-02A] ONLY
[B] NOZZLE, ACCESSORY ORIENTATION ARE SEE KEY PLAN.

 LONGITUDINAL C.L.

W/HEAVY GREASED

ZZLE FLANGE GASKET MATERIAL : SEE

- FILLER: GRAPHITE - INNER R

- HOOP : 304 S.S - OUTER I