



Corp R&amp;D

## COAL &amp; SORBENT LOCK

SHEET

2 of 2

## BILL OF MATERIAL

ITEM No.	DESCRIPTION	MATERIAL	QTY. (Nos)
1	CYLINDRICAL SHELL PLATE 10Thk.	SA515 Gr70	1
2	CONICAL SHELL PLATE 10Thk.	SA 515Gr70	1
3	DISHED END (TORISPHERICAL 10%)	SA 515 Gr70	1
4	PIPE NB 65,Sch40	SA 106 GrB	2
5	FLANGE SORF, NB65 CL150, ANSI B16.5	SA 105	2
6	PIPE NB 15, Sch 40	SA 106 GrB	3
7	PIPE NB 40, Sch 40	SA 106 GrB	1
8	FLANGE SORF, NB15 CL150, ANSI B16.5	SA 105	3
9	FLANGE SORF, NB40 CL150, ANSI B16.5	SA 105	1

## NOZZLE DATA

NOZZ	SIZE	SERVICE
N1	NB 65	INLET
N2	NB 65	OUTLET
N3	NB 15 FLGD	PRESSURE GAUGE
N4	STUB 1/2"NPT(F)	TEMP. GAUGE
N5	NB 15 FLANGED	PRESSURIZATION
N6	NB 15 FLGD	DP
N7	NB 40 NPT(M)	LEVEL INDICATOR

NOTES:-

1. All welds shall be neat in appearance, free of slag and other defects
2. Vessel to be cleaned of scale, oil, weld splatter and all foreign material prior to hydraulic test
3. remove all sharp corners
4. All nozzles shall project 100mm out side
5. Flange bolt holes to straddle centre line
6. All welds shall be DP tested
7. All Nozzle flanges to be supplied with companion flanges
8. Two coats of red oxide to be painted
9. Vessel to be hydraulic tested to 8 kg/cm<sup>2</sup>(g)

ALL DIMENSIONS ARE IN mm

Proj. Jata APFBC	Drn: Titus	Chd: NSRK	Drng. No.	Rev
	Date: 18-06-15	Appd: DSM Rao	4-QYN-14-686-003	01