



3

BILL OF MATERIAL

NO.	DESCRIPTION	MATERIAL	SIZE	QTY
1	PIPE	PIPE IS IS 1239 ERW HEAVY	2"	16.750M
2	PIPE		3.5"	6.700M
3	FLANGE	FLANGE ARE MADE FROM PLATE MATERIAL IS 2062	2"	30
4	FLANGE		3.5"	12
5	ELBOW 90°		2"	6
6	ELBOW 90°		3.5"	2
7	DEFINE VALVE		2"	5
8	EQ.TEE		2"	1
9	GASKET		2"	22
10	GASKET		3.5"	6
11	NUT OF BOLT SET	M16 X 90		88
12	NUT OF BOLT SET	M16 X 100		24

LEGEND:-

- BALL VALVE
- DEFINE VALVE
- BLIND FLANGE
- REDUCER
- ELBOW
- T BOLT

DRAWING PREPARED BY:

REV.	DATE	DETAILS OF REVISION	PROJECT NO.:

TITLE: PIPING NEAR ACID TANK 1 & 2 TO PLANT

CLIENT: HINDALCO INDUSTRIES LTD. HIRAKUD, SMELTER & POWER PLANT,
HIRAKUD - 768016 DIST.-SAMBALPUR, ORISSA

Drawn by	Checked by	Approved by - date	File name	Article No-Reference	Date	Scale	
SHROFF PROCESS PUMPS Beside PramuKh Swami Hospital VADODARA.							
DRG. NO.						Edition	Sheet