



OBS GRAPHICS							1	
	DATA SHEET OF DIESEL ENGINE DRIVEN STANDBY PUMP	PREPARED	MB	DOC. NO.: OBS/DEDSP/01			2	
		CHECKED	KM	CONTRACT NO.:			3	
		APPROVED	PB	SHEET	1 OF 1		4	
		DATE		EQPT. NO.			5	
		CLIENT:			PROJECT:			6
SERVICE: FIRE HYDANT & SPRINKLER SYSTEM		OPERATING MODE: CONTINUOUS / INTERMITTENT		SITE:		7		
LOCATION: INDOOR / OUTDOOR		AREA CLASSIFICATION: HAZARDOUS / NON HAZARDOUS				8		
NUMBER REQUIRED: AS PER BILL OF QUANTITIES							9	
DIESEL ENGINE DRIVEN STANDBY PUMP							10	
A	TECHNICAL PARAMITERS	DESCRIPTION				11		
1	PUMP	DIESEL ENGEEN DRIVEN STANDBY PUMP				12		
2	MAKE	KIRLOSKAR/M & P/KSB				13		
3	QUANTITY	1				14		
4	PUMP MODEL NO.					15		
5	TYPE	HORIZONTAL END SUCTION TOP DISCHARGE				16		
6	HEAD (MTR.)	70 m.				17		
7	SHUT OFF HEAD					18		
8	CAPACITY (M ³ / HR.)	144				19		
9	PUMP SUCTION & DELIVERY SIZE (mm.)					20		
10	FULL LOADED SPEED (R.P.M.)	1800				21		
11	POWER ABSORBED DUTY POINT (KW)					22		
12	NPSHR					23		
13	EFFICIENCY (WITHOUT NEGETIVE TOLERANCE)					24		
14	DUTY OF PUMPS.	CONTINUOUS				25		
15	SEAL	MECHANICAL SEAL				26		
B	PUMP PERFORMANCE AT 150% OF D.P.					27		
1	CAPACITY (M ³ / HR.)					28		
2	HEAD (MTR.)					29		
3	EFFICIENCY					30		
4	POWER ABSORBED					31		
5	NPSHR					32		
C	MATERIALS OF CONSTRUCTION					33		
1	CASING	CI TO IS 210 Gr. FG 220				34		
2	IMPELLER	BRONZE IS: 318 Gr. LTB 2				35		
3	SHAFT	EN - 8				36		
4	SHAFT SLEEVE	AISI - 410				37		
D	PUMP ACCESSORIES					38		
1	BASE PLATE	M.S. FABRICATED				39		
2	COUPLING	HOLESET TYPE				40		
3	COUPLING GUARD	M.S. FABRICATED				41		
4	MOUNTING	CUSHY FOOT				42		
E	PRIME MOVER					43		
1	MAKE	CUMMINS / KOEL / GREAVES				44		
2	TYPE	INLINE VERTICAL WATER COOLED DIESEL ENGINE				45		
3	RATING (BHP)					46		
4	DESIGN STANDARD	IS 10000 / BS 5514 (HP)				47		
5	ENGINE MODEL					48		
6	OPERATING VOLTAGE	12VOLT				49		
7	SILENCER TYPE	INDUSTRIAL TYPE				50		
8	GOVERNING STD.	MECHANICAL GOVERNOR				51		
9	COOLING TYPE	RADIATOR COOLED				52		
10	FUEL TANK CAPACITY	150 LTR. CAPACITY				53		
11	BATTERY DETAILS	12 V X 1 NO. EXIDE MAKE				54		
12	DUTY	CONTINUOUS				55		
13	STATIC LOAD					56		
14	DYNAMIC LOAD					57		
G.A. DRG. NO.		VENDOR					58	
FLOW DIAG. NO.		VENDOR DRG. NO.					59	
PLANT LAYOUT DRG. NO.		FOUNDATION DRG.NO.					60	
SUPPORT DRG. NO.		CALCULATION SHEET NO.					61	
ORDER NO.							62	
							63	
							64	
P0	ISSUED FOR APPROVAL	OBS	PB				65	
REV	DESCRIPTION	BY	APPROVED	CLIENT APP	DATE		66	

This document has been prepared by OBS GRAPHICS, KOLKATA, INDIA. This document is exclusive property of OBS GRAPHICS. Unauthorized communication or reproduction is not permitted.