

		SPECIFICATION FOR CENTRIFUGAL PUMP		SPECIFICATION NO. PT-04 PT-05 PT-09 PT-10	
		CLIENT		SHEET 1 OF 1	

NAME: WASTE OIL TRANSFER PUMP				
FUNCTION: TRANSFER OF WASTE OIL FROM STORAGE TANKS TO FEED STOCK TANK VE-07				
OPERATION: CONTINUOUS				
DUTY: CONTINUOUS 24 HRS/DAY				
QUANTITY ; 4 NOS.				
MATERIAL HANDLED				
COMPONENT	UNITS	NORMAL	DESIGN	REMARKS
VEG OIL	LPM	90	100	
TOTAL		90	100	
PROCESS DATA				
PUMPING TEMP : 40 DEG C, SP.GR. : 0.9 , STATE : LIQUID,				
VISCOSITY : 50 CP.				
SOLIDS %WT. : .02, DENSITY : 500 KG/M ² , SIZE : 1 MM.				
COROSION/EROSION : MODERATE				
ESTIMATED PERFORMANCE REQUIREMENTS:				
CAPACITY LPM NORMAL: 90, MAXIMUM: 100, DESIGN: 100.				
PUMP RATED CAPACITY : 100 LPM				
STATIC HEAD : 1.0 M				
PIPING LOSS : 0.5 KG/CM ²				
AVAILABLE NPSH : 0.25 M.				
RATED TOTAL DISCHARGE HEAD 30 M, 0.1 KG/CM ² FROM PUMP CALCULATION				
DRIVER : ELECTRIC MOTOR, WEATHER PROOF				
PUMP DATA				
MATERIAL OF CONSTRUCTION : CARBON STEEL				
CASING AND NOZZLES : CAST STEEL			PACKING : TIBA	
IMPELLER : CAST STEEL			BASE PLATE : CARBON STEEL	
SHAFT/SHAFT SLEEVE : CAST STEEL				
CONSTRUCTION FEATURES REQUIRED FOR PROCESS OR PERFORMANCE CONSIDERATIONS:				
i) HORIZONTAL				
ii) OVER ALL LENGTH				
REMARKS				

REVISION NO.	0				
ISSUED FOR	PURCHASE				
PREPD. BY	SVL				
CHKD. BY	SVL				
APPD. BY	SVL				