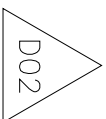
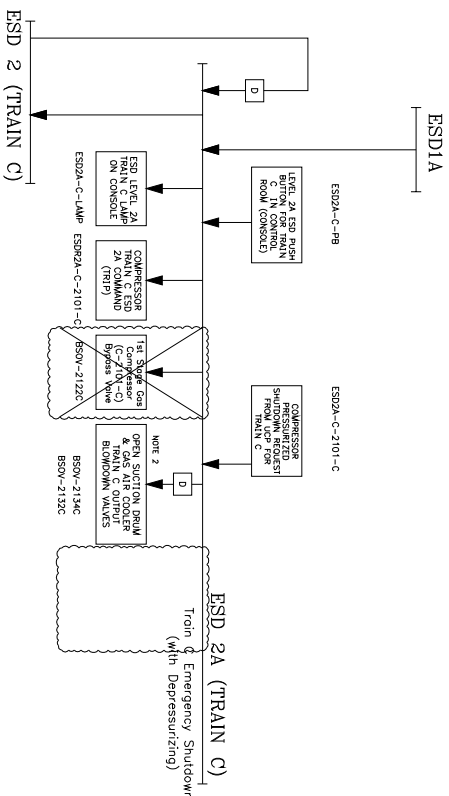
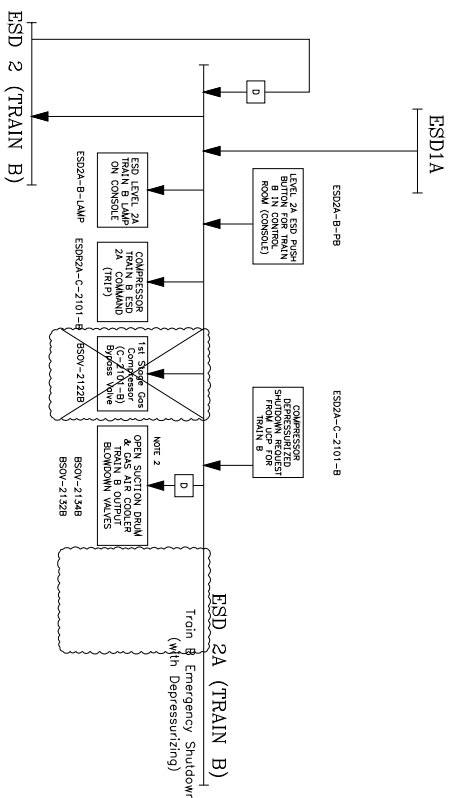
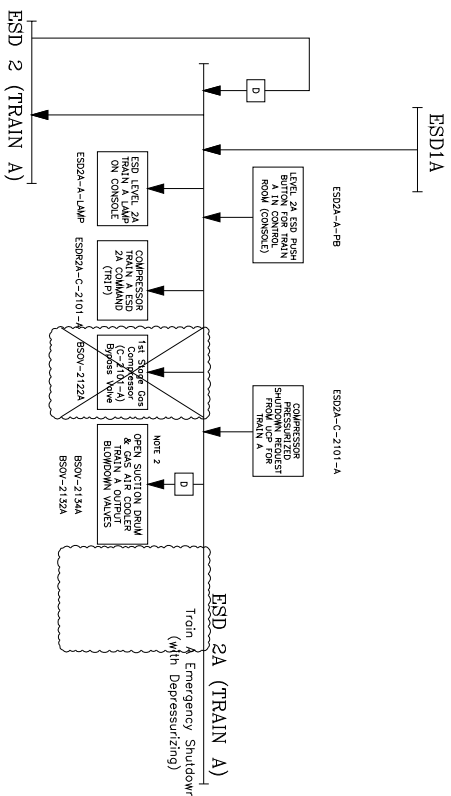


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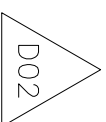
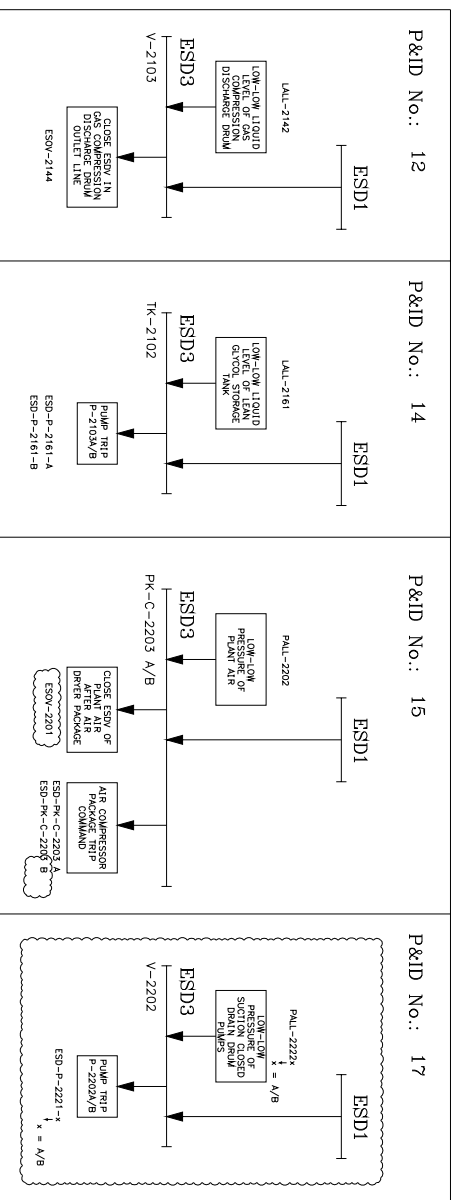
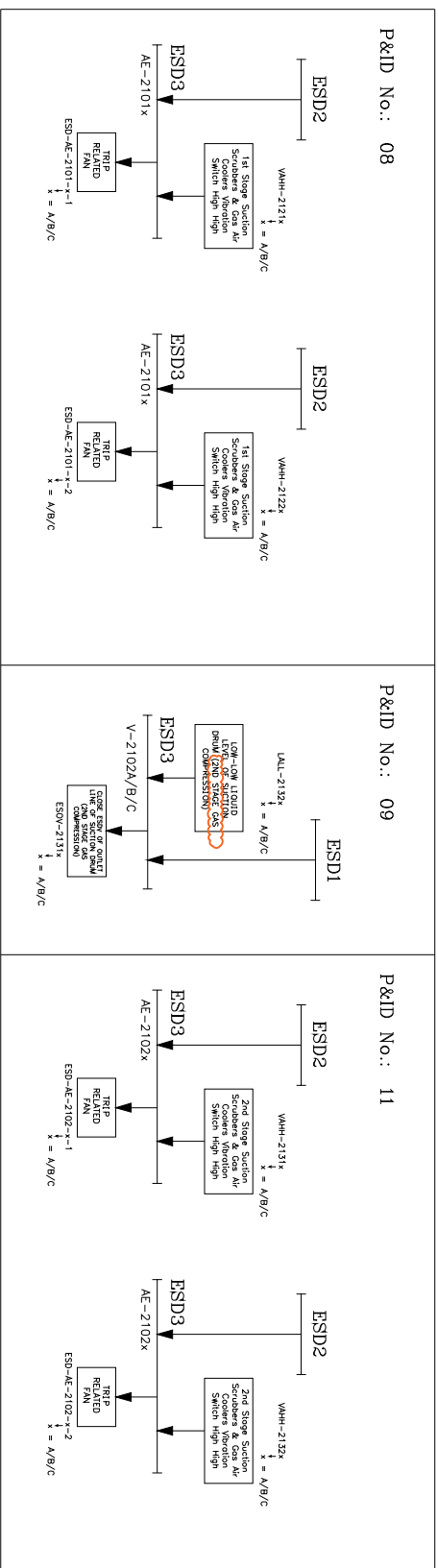
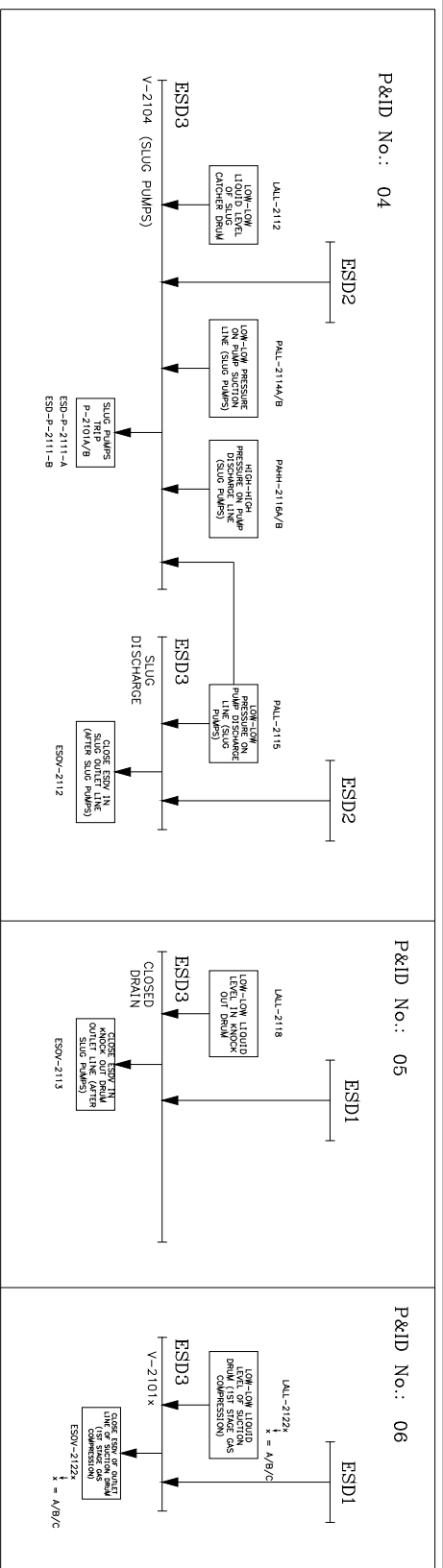
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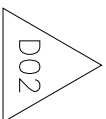
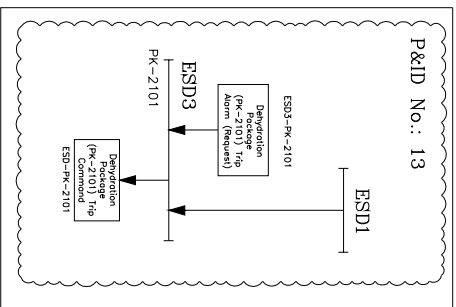
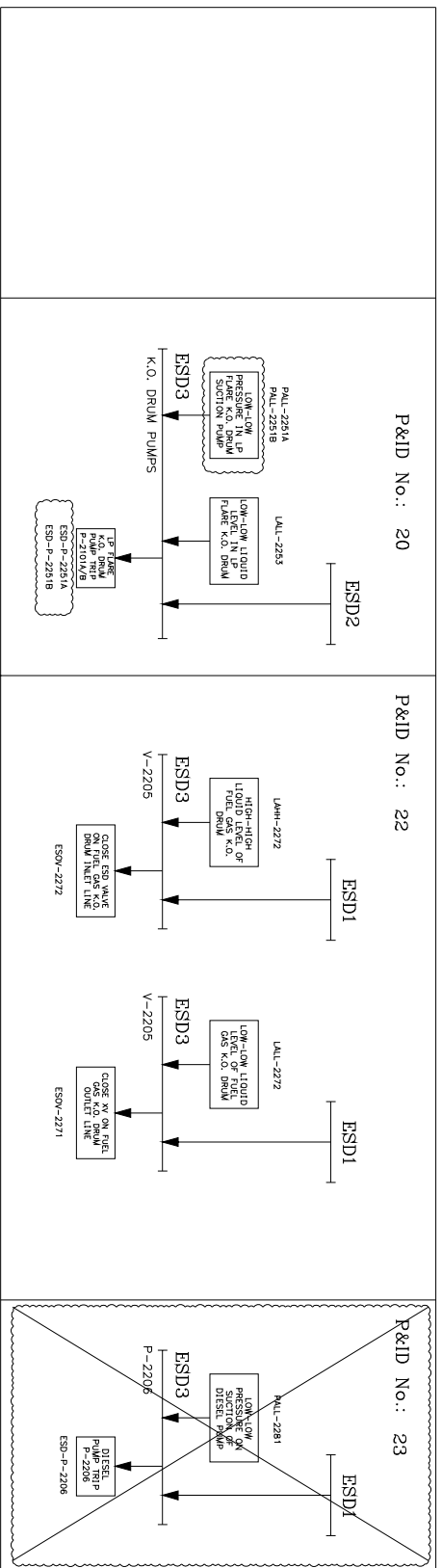
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NOTES									
- THE UPS SHALL GENERATE AN ALARM BEFORE POWER LOSS TO NOTIFY OPERATOR. THE OPERATOR SHALL TAKE NECESSARY ACTION TO PREVENT LOSS OF POWER TO THE SYSTEM FOR SAFE SHUTDOWN AND BLOWDOWN OF PLANT. - BLOWDOWN COMMAND SHALL BE GENERATED AFTER PRE-DEFINED TIME ACCORDING TO ESD PHILOSOPHY OR IN CASE OF RECEIVING RELATED ESDs CLOSED STATUS SIGNAL. - TO BE CONSIDERED IN P&O CAUSE & EFFECT. - ALL ELECTRICAL SOURCES EXCEPT ESSENTIAL POWER SOURCES SHALL BE ISOLATED - KEY PROTECTED PUSHBUTTONS SHALL BE PROVIDED FOR BLOWDOWN OF EACH TRAIN BY RECEIVING THE PERMISSION SIGNALS INCLUDING THE TRAINS. - FOR DETAILS OF ESD 3 CAUSES AND EFFECTS, REFER TO CAUSE & EFFECT DIAGRAM. - ADJUSTABLE DELAY. - ALL ESDs SHALL BE CLOSED EXCEPT ESDs IN FLARE K.O. DRAIN LIQUID DISCHARGE LINE.									
LEGEND									
1.A Instrument Air P/A Public Address/General Alarm K.O. Knock-out Drum L.L. Low Level P.B. Push Button E.S.D. Emergency Shutdown Valve BDV Blow-Down Valve									
REFERENCE DRAWING					DOC. No.				
REVISED					REVISED				
KEY PLAN									

DRAWING TITLE: HAZOP-4									
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