



- NOTES**
- VENT TO SAFE LOCATION OUTSIDE OF BUILDING
 - NITROGEN DRUM BOOTH MANIFOLD FOR DRUM INERTING & DOSING LINE BLOWING
 - ROV'S TO BE LOCATED AS CLOSE TO THE TEE POINT AS PRACTICABLE
 - SOFTWARE INTERLOCK CLOSES STEAM SUPPLY ROV LAMINAR BOOTH CAPACITY FOR 2 X PALETTES
 - DRAIN CONNECTION AT LOW LEVEL WITH EASY ACCESS FOR COLLECTING DISTILLATE
 - LOCAL DISPLAY OF REACTOR LOAD CELL
 - SOFTWARE INTERLOCK STOP ADDITION OF EXOTHERMIC CHEMICAL ADDITIONS
 - REACTOR DRAINING TO IBC
 - AT LOW LEVEL SO OPERATOR CAN ACCESS CONNECTIONS
 - ALL STEAM & COOLING WATER ROV'S TO BE INTERLOCKED AGAINST DUTIES
 - DUCTWORK FROM LAMINAR FLOW BOOTH AND NEDERMAN ARM IS SPIRAL WOUND 316SS
 - AUTOMATIC AIR VENT VALVE AT PIPEWORK HIGH POINT
 - EMERGENCY E STOPS AT EACH ROLLER SHUTTER DOOR
 - LANCE HOLDERS TO CONTAIN DRIPS
 - HEAT TRACING TO BE INCLUDED ONTO V427 BODY
 - REVERSE ACTING BURSTING DISC WITH NON INTRUSIVE PRESSURE SWITCH IN BURSTING DISC HOLDER
 - MECHANICAL INTERLOCK ON FILTER VENT

PLANT CONTROL/SEQUENCES

SEE PROCESS CONTROL PHILOSOPHY

INTERLOCKS

SEE INTERLOCK SCHEDULE DOCUMENT

GENERAL

ALL ROV'S TO HAVE POSITION FEEDBACK
 ROV FAIL SAFE POSITIONS INDICATED BY ARROWS ON SYMBOL
 ALL N₂ CONNECTIONS TO HAVE SNAP/QUICK RELEASE FITTINGS WHICH SEAL AND PREVENT REVERSE FLOW
 BAG FILTER OPERATION TO BE COVERED UNDER EXISTING EP SITE SOP'S

HOLDS

- VENDOR TO CONFIRM POWDER TRANSFER UNIT X106 DETAILS

THIS DRAWING IS UNCONTROLLED WHEN PRINTED
 THIS DRAWING FORMS PART OF THE ELLESMERE PORT "KEY PAID SYSTEM"
 SEE ELECTRONIC SYSTEM FOR LATEST VERSION

LAST OUTGOING ARROW ADDED TO THIS FLOW DIAGRAM WAS No. CAD DRG - MUST NOT BE MODIFIED MANUALLY

REV. 00		
MODEL CHECK		
V454 & X134 POSITIONS CHANGED		
UTILITY SUPPLY STAB-INS		
REV BY	CHECKED BY	DATE
M.DIXON	E.HUMPHREY	15/04/25
APPROVED BY		
PROCESS ENGINEERING	INITIALS	DATE
PROJECT ENGINEERING		
WORKS MANAGEMENT		

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SCALE	DRAWING TITLE	TRYFAN R2
NTS		P13PA & ARQUAD NITRITE
RPI No.	PLANT LOCATION	EXISTING TRYFAN BUILDING
Z029		
SUB-INDEX	DISCIPLINE	PC3
	PLANT	
	SITE	ELLESMERE PORT
DATE	DRAWN BY	TO CAD BY
28/01/25	MARK DIXON	MARK DIXON
DRAWING No.	K23-1248	
	CHECKED BY	REV.
	E.HUMPHREY	00