



**NOTES**

1. STACK TO BE 3 METERS ABOVE ROOF LEVEL
2. SCRUBBER LIQUOR DRAINED TO IBC
3. INSTRUMENT AIR SUPPLY FROM TRYFAN HEADER
4. SAMPLE POINT ACCESSIBLE VIA TRYFAN ROOF
5. 15% CAUSTIC TO BE PUMPED FROM IBC INTO SCRUBBER RESERVOIR VIA AIR OPERATED DIAPHRAGM PUMP P107
6. REVERSE ACTING BURSTING DISC
7. OFFLOAD LINE EXPANSION POT
8. ADDITIONAL SPRAY NOZZLE TO REMOVE SODIUM CARBONATE BUILD-UP (Na<sub>2</sub>CO<sub>3</sub>)
9. PLATE ORIFICE LIQUID DISTRIBUTOR

**HOLDS**

1. SCRUBBER DETAILS ON HOLD UNTIL MECHANICAL DESIGN IS FINALISED.

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

<b>innospec</b>	
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SCALE	TRYFAN VACUUM SET
NTS	CHILLER & PROCESS SCRUBBER ***
DRAWING TITLE	EXISTING TRYFAN BUILDING
RPI No.	Z029
PLANT LOCATION	PC3
SUB-INDEX	DISCIPLINE
AREA	ELLESMERE PORT
DATE	DRAWN BY
22/11/2023	M.DIXON
DRAWING No.	TO CAD BY
K23-1249	M.DIXON
SHEET	CHECKED BY
-	E.HUMPHREY
REV.	
0J	

REV. 0J		
SCRUBBER INTERNALS		
ADDITIONAL LINE TAG NOS		
REV BY	CHECKED BY	DATE
M.DIXON	E.HUMPHREY	20/05/2025
APPROVED BY		
PROCESS ENGINEERING	INITIALS	DATE
PROJECT ENGINEERING		
WORKS MANAGEMENT		