



- 1 THE EQUIPMENT ABOVE PLATFORM IS NOT PART OF THE PROCESS SKID VENDOR'S SCOPE AND WILL BE FIELD ERECTED.
- 2 FILTER HOUSING WILL BE CLEANED OUT OF PLACE.
- 3 FILTER INTEGRITY TESTING PERFORMED OUT OF PLACE.
- 4 SPRAYBALL ASSEMBLY WITH DIAPHRAGM VALVES (VOR-590221/590222) TO BE PROVIDED LOCUS BY VENDOR FOR FIELD INSTALLATION.
- 5 STYLE FILTER WITH EXTENDED STRAIGHT FERRULE. FILTER HOUSING REPLACED WITH SPOOL PIECE DURING VESSEL CIP.
- 6 SAMPLE TEES TO BE ORIENTED AWAY FROM OPERATOR DURING MANUAL ACTUATION OF HX-590218.
- 7 SALINE BUFFER DIPTUBE TO EXTEND JUST ABOVE 4200L WORKING VOLUME LEVEL.

1 SAFETY INTERLOCK - E-STOP ACTIVATION (7B-Z-0-2-24) REMOVES AIR TO ALL ACTUATED VALVES AND DE-ENERGIZES ALL MOTORS (HARDWIRED).

[illegible]

1 REV. 0 - DO2 BUFFER ADDITION PIPE SPEC CHANGED TO HASTELLOY (HC22).

THE INFORMATION CONTAINED HEREIN MAY NOT BE USED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION OF INTEGRATED PROJECT SERVICES.

**CLIENT**



### REL DIAGRAM

DRAWING TITLE

## P&I DIAGRAM

**DRUG SUBSTANCE**

## 4200L HARVEST

**TANK N°2. TQ-5902**

|           |          |          |
|-----------|----------|----------|
| ARCHITECT | DESIGNER | IPS PROJ |
|-----------|----------|----------|

|  |             |       |       |
|--|-------------|-------|-------|
|  | BJE         | JJR   | ITD19 |
|  | REVIEWED BY | SCALE | DATE  |

|                    |               |                     |
|--------------------|---------------|---------------------|
| REVIEWED BY<br>GJC | SCALE<br>NONE | CADD P<br>7B-Z-0-2- |
|--------------------|---------------|---------------------|

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| S) | DRAWING NUMBER |
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MISSION

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SEAL

THIS IS NOT A  
SEALED DOCUMENT

DATE:

REVISION  
0  
A  
VERSION

**7B-Z-0-2-25**

ISSUED FOR  
CONSTRUCTION

TYPE, HOUS/ELEM: J-STYLE, GAS / 0.2  $\mu$ m  
CAPACITY: 4200 NLPM / 252 NM3/HR, (1.0 VVM)  
SIZE: 1 RD X 10"H  
MOC: 316L HOUSING/PTFE ELEMENT  
DP/DT:  $\leq 0.14$  BAR  
DESIGN PRESSURE: 10 BARG / FV

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