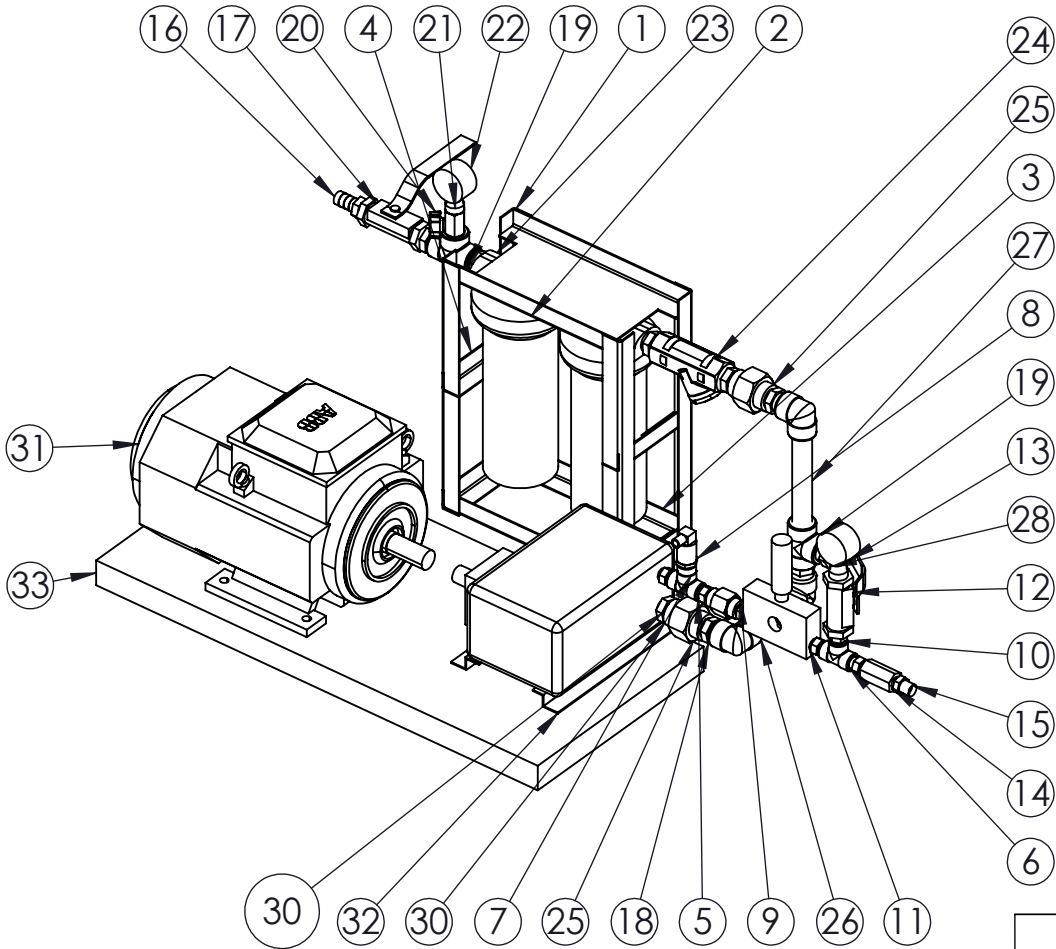


| 1                        |                                    | 2           |          |        | 3    |          |
|--------------------------|------------------------------------|-------------|----------|--------|------|----------|
| PART LIST FOR "ONE UNIT" |                                    |             |          |        |      |          |
| Item NO.                 | Part name                          | Description | Material | Weight | QTY. | T.Weight |
| 1                        | filter frame-V                     |             | AISI 304 | 0.80   | 4    | 3.2      |
| 2                        | filter frame-H Plate               |             | AISI 304 | 1.92   | 1    | 1.92     |
| 3                        | filter frame-H-B                   |             | AISI 304 | 0.56   | 2    | 1.12     |
| 4                        | filter frame-stiffner              |             | AISI 304 | 0.28   | 4    | 1.12     |
| 5                        | Hex nipple-0.375-2                 | #2000       | AISI 316 |        | 2    | 0        |
| 6                        | threaded tee-0.75 inch             | #2000       | AISI 316 |        | 2    | 0        |
| 7                        | Reducer-Male Female-0.25-0.375     | #2000       | AISI 316 |        | 2    | 0        |
| 8                        | Pressure Transmitter               | 100 Bar     | AISI 316 |        | 1    | 0        |
| 9                        | threaded union-0.375               | #2000       | AISI 316 |        | 1    | 0        |
| 10                       | Hex nipple-0.375 inch              | #2000       | AISI 316 |        | 5    | 0        |
| 11                       | Pressure relief valve-0.375        | 100 Bar     |          |        | 1    | 0        |
| 12                       | ball-valve-0.375 inch              | #2000       | AISI 304 | 0.6    | 1    | 0.6      |
| 13                       | Pressure Gauge-0.375               | 100 Bar     |          |        | 1    | 0        |
| 14                       | Non Return valve-0.375             | #2000       | AISI 316 |        | 1    | 0        |
| 15                       | Hex nipple-0.375-conical           | 0.5" #2000  | AISI 316 | 0.12   | 1    | 0.12     |
| 16                       | Hose Nipple 0.75 in                |             | AISI 316 |        | 1    | 0        |
| 17                       | ball-valve-0.75                    |             | AISI 304 | 0.6    | 1    | 0.6      |
| 18                       | Hex nipple-0.75 inch               |             | AISI 316 |        | 8    | 0        |
| 19                       | Threaded tee-0.75-inch             |             | AISI 316 |        | 2    | 0        |
| 20                       | valve_93411-1_2-0.75               |             | AISI 316 |        | 1    | 0        |
| 21                       | Reducer-Male Female-0.25-0.75      | #2000       | AISI 316 |        | 1    | 0        |
| 22                       | Pressure Gauge-0.25-10 Bar         | 10 Bar      |          |        | 1    | 0        |
| 23                       | filter-0.75 inch                   | 10"         |          |        | 2    | 0        |
| 24                       | chek valve-0.75 inch               |             | AISI 316 |        | 1    | 0        |
| 25                       | THREADED UNION, .750               |             | AISI 316 |        | 2    | 0        |
| 26                       | THREADED ELBOW, .750 IN            |             | AISI 316 |        | 3    | 0        |
| 27                       | pipe 0.75 inch-03                  |             | AISI 316 |        | 1    | 0        |
| 28                       | Hex nipple-reducer-0.375-0.75 inch |             | AISI 316 |        | 1    | 0        |
| 29                       | pipe 0.75 inch-01                  |             | AISI 316 |        | 1    | 0        |
| 30                       | Reducer-nipple-0.75-0.5 inch       |             | AISI 316 |        | 1    | 0        |
| 31                       | Electromotor                       | 4 kW        |          |        | 1    | 0        |
| 32                       | Pump-TAM                           |             |          |        | 1    | 0        |
| 33                       | motor support                      |             |          |        | 1    | 0        |





| 01  | For Approval | E.Beygi | E.Beygi | D.Deighani | D.Deighani | 12/02/2019 |
|-----|--------------|---------|---------|------------|------------|------------|
| 00  | For Approval | E.Beygi | E.Beygi | D.Deighani | D.Deighani | 23/10/2018 |
| REV | DESCRIPTION  | DESIGN  | DRAWN   | CHECKED    | APPROVED   | DATE       |

|  |  |  |  |   |  |  |
|--|--|--|--|---|--|--|
| EMPLOYER:  |  |  |  |   |  |  |
| REGIONAL MINISTRY OF ELECTRICITY<br>IN KURDISTAN |  |  |  |   |  |  |

|                |  |  |  |   |  |  |
|----------------|--|--|--|---|--|--|
| CONSULTANT:    |  |  |  |   |  |  |
| ELECTROCONSULT |  |  |  |  |  |  |

|           |   |  |  |  |  |  |
|-----------|---|--|--|--|--|--|
| PROJECT : | DERALOK HYDROPOWER PLANT CONSTRUCTION<br>PROJECT-IQ-P15 Pkg 2 |  |  |  |  |  |
|-----------|---|--|--|--|--|--|

|   |  |   |  |
|---|--|---|--|
| CONTRACTOR:   |  | SUB-CONTRACTOR/VENDOR:  |  |
| FARAB & Boland Payeh J.V  |  |   |  |
|  |  |  |  |

|                          |                           |
|--------------------------|---------------------------|
| FAB DWG. NO.:            | SUB-CONTRACTOR DWG. NO. : |
| H42-2-00-MA-P-20-DWG-106 | Cii97-81003-PU-DWG-01     |

|                     |                           |  |  |  |  |  |
|---------------------|---------------------------|--|--|--|--|--|
| EMPLOYER DWG. NO. : | DLK-D-FAB-10906-MEC-C-R01 |  |  |  |  |  |
|---------------------|---------------------------|--|--|--|--|--|

|   |  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| TITLE : General Assembly and material Weight<br>for Right shaft Pump Unit |  |  |  |  |  |  |
|---|--|--|--|--|--|--|

| IN-HOUSE REV. |              |         |         |            |            |            |
|---------------|--------------|---------|---------|------------|------------|------------|
| 1             | For Approval | E.Beygi | E.Beygi | D.Deighani | D.Deighani | 12/02/2019 |
| 0             | For Approval | E.Beygi | E.Beygi | D.Deighani | D.Deighani | 23/10/2018 |
| REV           | DESCRIPTION  | DESIGN  | DRAWN   | CHECKED    | APPROVED   | DATE       |

|        |          |            |                            |         |
|--------|----------|------------|----------------------------|---------|
| SCALE: | SIZE: A3 | SHEET: 1/1 | CONTRACT NO. : IQ-P15/Pkg2 | REV: 01 |
|--------|----------|------------|----------------------------|---------|