

HATCH

Statut Dessin / Manuel Fournisseur

Vendor Drawing / Manual Status

1

☐ Fabrication autorisée – Dessin et/ou manuel final reçu
Fabrication Authorised – Final Drawing and/or Manual Received

2

☐ Fabrication autorisée – Soumettre dessin et/ou manuel final
Fabrication Authorised – Submit Final Drawing and/or Manual

3

☒ Fabrication autorisée conditionnelle à l'ajout des changements indiqués;
Revoir et soumettre dessin et/ou manuel final
Fabrication Authorised – Subject to incorporation of indicated changes;
Revise and Submit Final Drawing and/or Manual

4

☐ Fabrication non autorisée – Revoir et resoumettre
Do Not Fabricate – Revise and Resubmit

Par/By

[Signature]

Date:

21/01/05

La révision et l'autorisation de fabriquer portent seulement sur la conformité générale à la conception du projet et à l'information disponible dans les documents contractuels. Le fournisseur/entrepreneur demeure le seul responsable de la conformité du document aux exigences des plans et devis, y compris mais sans s'y limiter, aux dimensions et aux quantités. HATCH ne garantit aucune des informations contenues dans les présentes et n'autorise ni n'approuve aucun procédé de fabrication ou technique de construction ou toute mesure ou procédure de sécurité.

Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Vendor/Contractor. HATCH does not warrant the accuracy or completeness of any of the information contained herein, nor does HATCH authorize or approve any construction methods, techniques, sequences or any safety precautions or procedures.

HATCH

N°/No.

316996-DF-PM503-007

R:

CLIENT

N°/No.

R:

UNLOADING PUMP CONTROLLER X2

WAT SIZE? + Interrupting capacity (min 42 KA at 600V)

ARE THESE CONTROLLERS SUITABLE FOR -45°C OPERATION

SETTINGS:
TD1 = MODE 'D', 20 SECONDS
TD2 = MODE 'A', 10 SECONDS

OPERATION:

- ON INITIAL START, FSL,PSH,PSL SHUTDOWN ALARM CONDITIONS SHALL EXIST.
- PUMP MOTOR SHALL HAVE THE ABILITY TO START AND RUN FOR 5-10 SEC, BY-PASSING FSL SHUTDOWN ALARM.
- FSL,PSH,PSL SHUTDOWN(S) ARE EXTERNAL ALARM SHUTDOWN CONDITIONS.
- EXTERNAL SHUTDOWN CONTACTS ARE NORMALLY OPEN WHEN ALARM CONDITION EXISTS.
- WHEN ALARM SHUTDOWN CONDITIONS EXISTS, THE PUMP MOTOR SHALL CONTINUE TO RUN FOR 15-20 SEC. AFTER 20 SEC PUMP MOTOR SHALL SHUTDOWN. THE STOP SIGNAL WILL RESET THE PANEL AFTER SHUTDOWN.

TRANSFER PUMP CONTROLLER X2

WAT SIZE? + interrupting capacity (min. required 42 KA @ 600V)

TIMER MODE SETTINGS:
TD1 = MODE 'D', 20 SECONDS
TD2 = MODE 'A', 10 SECONDS

OPERATION:

- ON INITIAL START, FSL,PSH,PSL SHUTDOWN ALARM CONDITIONS SHALL EXIST.
- PUMP MOTOR SHALL HAVE THE ABILITY TO START AND RUN FOR 5-10 SEC, BY-PASSING FSL SHUTDOWN ALARM.
- FSL,PSH,PSL SHUTDOWN(S) ARE EXTERNAL ALARM SHUTDOWN CONDITIONS.
- EXTERNAL SHUTDOWN CONTACTS ARE NORMALLY OPEN WHEN ALARM CONDITION EXISTS.
- WHEN ALARM SHUTDOWN CONDITIONS EXISTS, THE PUMP MOTOR SHALL CONTINUE TO RUN FOR 15-20 SEC. AFTER 20 SEC PUMP MOTOR SHALL SHUTDOWN. THE STOP SIGNAL WILL RESET THE PANEL AFTER SHUTDOWN.

PRELIMINARY
FOR APPROVAL
CHAMCO INDUSTRIES LTD.

REV.

DATE

BY

DESCRIPTION

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TAHERA DIAMOND CORPORATION

JERICO DIAMOND PROJECT

C/O HATCH LTD

P.O. No. 316996-PM503

Tag No. 150 DM-001

UNLOADING / TRANSFER FUEL MODULE

CUTLER HAMMER UNLOADING & TRANS. CONTROLLERS

WIRING SCHEMATIC

DATE

DEC. 13, 2004

SCALE

N.T.S.

DWG No.

CUP1010074-04

REV.

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19 JAN 2005