

## CERTIFICATE OF CONFORMANCE

### SUPPLIER'S FINAL INSPECTION / RELEASE NOTE

**THIS CERTIFICATE IS TO BE COMPLETED BY SUPPLIER AND SENT WITH THE GOODS**

**Reason:** This component is classed as a critical or important component by FMC Kongsberg Subsea a.s and will be part of a main assembly that will be used subsea or offshore.

Before being released, a final inspection is to be carried out by the supplier at the supplier's premises.

Supplier's name: Erling Haug AS

### SUPPLIER'S FINAL INSPECTION / RELEASE

We hereby certify that all items / equipment supplied by us under the conditions of the below referenced Contract are in compliance with the terms, conditions and specification(s) of the Contract. This includes Purchaser agreed and accepted Concessions (if any) and Outstanding Work Items.

Contract / Purchase Order: 47220934

Certificate No./s: 71501, 71502

Component Serial No./s: 0709104, 090251

Final checks before release (enter 'X' for done or 'N/A' for not applicable)

Visual check for correct marking:

X

Documents included as per Purchase Order requirement (QRL or DRL document):

X

Visual check against drawing:

NA

Drawing No.:  
Revision:

NA

Carried out by (name):



Signature:

Isai Merete Serli  
Verifying, 10  
20.08.2009

Date: 20.08.2009

Include a copy of this COC with the component/delivery documentation.

# Samsvarserklæring *Declaration of Conformity*



## **gmc produkt as**

P.B. 4048

N-4092 Stavanger

Tel. 51 84 80 00

Fax 51 84 80 55

Bekrefter under eget ansvar at utstyr:

*Declare under our sole responsibility that equipment:*

Kunde : Erling Haug  
Customer :

Bestillings nummer : PO 4048185  
Order no. :

Produsert av : Ingersoll Rand  
*Manufactured by*

Type : LCA120DIP-E

SWL : 12,000 kg

Serie nr./Tag nr : Serial no. 0709104  
*Serial no./Tag no*

Byggeår : 2007  
*Year Manufactured*

Betegnelse : Luftdreven kjettingtalje  
*Description*

er i samsvar med kravene i  
*to which this declaration relates is in conformity with :*

Arbeidstilsynets bestillings nr. 522, Maskiner. (98/37/EC)  
Maskindirektiv EN ISO 12100-1/2  
Maskindirektiv 91/368/EEC 1991  
Maskindirektiv 94/44/EEC 1993

Etternavn : Frafjord  
*Surname*

Fornavn : Siri  
*First name*

Stilling : Prosjekt, Kran og løfteutstyr  
*Position in company*

Stavanger, 20. august 2009  
Sted og dato  
*Place and date*

Signatur  
*Signature*



## Worldwide Testing and Certification

### Declaration of Conformity

In accordance with ATEX 94/9CE directive, GMC Produkt AS hereby declares under our sole responsibility that the product listed, are in accordance with harmonised standards or normative documents.

**LCA120DIP, airdriven chain hoist**  
For use in zone 1, IIA, T3 area

Serial number: 0709104

CLIENT: Erling Haug A/S

Applied harmonised standards;

- EN ISO 12100-1/2
- EN 349
- FEM 9.511
- 9.GSGV
- BiA
- 98/37 EU
- VBG 9a
- BGV D8

II 3G

Stavanger, 20<sup>th</sup> August 2009

A handwritten signature in black ink, appearing to read 'Erling Haug', written over a horizontal line.

Sign  
Certification Department

**Sertifikat for prøving og inngående undersøkelse av løse redskaper**  
Fastsatt av Sjøfartsdirektoratet 1987

**Certificate of test and thorough examination of loose gear**  
Prescribed by the Maritime Directorate 1987

ILO Form 3 - This certificate is the standard international form as recommended by the International Labour Office in accordance with ILO convention No. 152

**ERLING HAUG**

FMC KONGSBERG SUBSEA AS  
POSTBOKS 1012 KIRKEGÅRDSVEIEN 45  
3616 KONGSBERG  
Ref.: 47220934

1154319

Sertifikatnummer/Certificate no.  
71502

Vår ordrenummer/Our order no.  
1154319

| Kjenningnr.<br>eller merke<br><i>Distinguishing mark</i> | Beskrivelse av utstyr<br><i>Description of gear</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Antall<br>prøvet<br>Number<br>tested | Dato for<br>prøve<br>Date of test | Provelast<br>(tonn)<br>Proofload<br>(tonnes) | SWL<br>(tonn)<br>SWL<br>(tonnes) | Navn og adresse til<br>produsent eller<br>leverandør<br><i>Name and address of<br/>maker or supplier</i> |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------|----------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------|
| 0709104                                                  | LCA 120DIP, air-driven chain hoist.<br>For use in zone 1, IIA, T3 area. - EN ISO 12100-1/2, EN349<br><br>For air: 4,0-6,3 Bar.<br>Model: LCA 120DIP-E<br>Speed: 0 - 0,75 m/min with full load.<br><br>Statics tested to: 18T- statics test.<br>Lifting chain: 16 mm x 45 mm on two fall, DIN 5684-8 grade 80.<br>Hooks: Swivel hook with safety lip. Opening: 58 mm.<br><br>Building year: 2009<br>Machinegroup: 1 AM (800 full last timer)<br>CE-marked.<br><br>Confirming weight: 530kg 01.10.2009<br>Tested with loadcell type: Dynafor 12,5T LLX<br>Calibrated 05.12.2008 | 1                                    | -                                 | 15,0                                         | 12,0                             | Erling Haug AS<br>7486 Trondheim<br>Norway                                                               |

Tilleggsinformasjon/Additional information

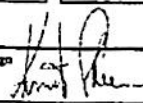
\* Tester utført av produsent/Tested by manufacturer

Navn og adresse til firma eller sakkyndig person som bevitnet prøving og utførte undersøkelsen/Name and address of firm or competent person who witnessed testing and carried out examination

Jeg bekrefter at de ovenfor angitte løse redskaper ble prøvet og inngående  
undersøkt og at ingen feil av betydning for tillatt arbeidsbelastning ble funnet.

I certify that the above items of loose gear were tested and thoroughly examined  
and no defects affecting their SWL were found.

Sted, dato  
Trondheim, 2009-10-02

Sign 



Erling Haug AS  
Kai 24, 7486 Trondheim, Norway  
Phone: +47 73 53 97 00 - Fax: +47 73 53 97 01  
E-mail: firmapost@haug.no

# BRETTEVILLE TALJER & MASKINER AS

Grinveien 159, 1359 Eikemarka Tlf. 67166990 Fax. 67166311

## Kalibreringssertifikat

### INSTRUMENT KALIBRERT

### KALIBRERINGS NORMAL

TYPE: 12,5 tonn LLX  
BESKRIVELSE: Dynamometer  
FABRIKAT: Dynafor  
SERIE NR: 960244  
MÅLEOMRÅDE: 0-12500 Kg  
NØYAKTIGHET: 0,2%

ID NUMMER: K 787908  
BESKRIVELSE: 5103-C3 100K 30NT  
FABRIKAT: Revers  
SIST KALIBRERT: 2008.11.24  
BEVIS NR: MTmF820600-K04  
SPORBARHET: Sveriges Provnings- och Forskningsinstitut

### KALIBRERINGRESULTATER VED 20° C

| Verkeleg vekt | Avlest vekt |         |         | Gjennom-snittsvikt | Avvik i | Avvik i | Avvik av max vekt |
|---------------|-------------|---------|---------|--------------------|---------|---------|-------------------|
|               | 1.prøve     | 2.prøve | 3.prøve |                    |         |         |                   |
| kg            | kg          | kg      | kg      | kg                 | kg      | %       | %                 |
| 1250          | 1255        | 1255    | 1255    | 1255               | 5       | 0,40    | 0,04              |
| 2500          | 2505        | 2505    | 2505    | 2505               | 5       | 0,20    | 0,04              |
| 3750          | 3765        | 3765    | 3765    | 3765               | 15      | 0,40    | 0,12              |
| 5000          | 5010        | 5010    | 5010    | 5010               | 10      | 0,20    | 0,08              |
| 6250          | 6250        | 6250    | 6255    | 6252               | 2       | 0,03    | 0,02              |
| 7500          | 7495        | 7500    | 7500    | 7498               | -2      | -0,03   | -0,02             |
| 8750          | 8745        | 8745    | 8745    | 8745               | -5      | -0,06   | -0,04             |
| 10000         | 9985        | 9985    | 9985    | 9985               | -15     | -0,15   | -0,12             |
| 11250         | 11235       | 11240   | 11235   | 11237              | -13     | -0,12   | -0,10             |
| 12500         | 12485       | 12485   | 12485   | 12485              | -15     | -0,12   | -0,12             |

Kalibrert: 05.12.2008  
Arvid Stokkeland  
Terje Obrestad  
Even Obrestad Høgstad  
Age Obrestad

