

CERTIFICATE NO.
CERTIFICAT NO

T.C. 227.070.001

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## TRANSPORT CANADA CERTIFICATE OF APPROVAL

THIS CERTIFIES THAT THE ITEM SPECIFIED HEREIN HAS BEEN APPROVED BY TRANSPORT CANADA, IN ACCORDANCE WITH THE PROVISIONS OF THE CANADA SHIPPING ACT, 2001 AND REGULATIONS MADE THEREUNDER AND SUBJECT TO CONDITIONS SET FORTH ON THE REVERSE SIDE.

## TRANSPORTS CANADA CERTIFICAT D'APPROBATION

LES PRÉSENTES FONT FOI QUE L'ARTICLE MENTIONNÉ DANS LE PRÉSENT CERTIFICAT A ÉTÉ APPROUVÉ PAR TRANSPORTS CANADA, CONFORMÉMENT AUX DISPOSITIONS DE LA LOI SUR LA MARINE MARCHANDE DU CANADA, 2001 ET DE SES RÈGLEMENTS ET SOUS RÉSERVE DES CONDITIONS FIGURANT AU VERSO.

ISSUED TO - TITULAIRE

HELLY HANSEN CANADA LTD. 131 Thornhill Drive

Dartmouth NS B3B 1S2

ITEM - L'ARTICLE

# MARINE ABANDONMENT IMMERSION SUIT SYSTEM MODEL HTS-1 RESTRICTED FOR USE IN OFFSHORE OIL INDUSTRY

DESCRIPTION

Insulated Marine Abandonment Immersion Suit System provided in 7 sizes XS-Sm-Med-Lg-XL-2XL-3XL.

See Schedule of Approval for additional features description.

#### REMARKS - REMARQUES

- This approval is based on test report by CORD Group, No. R06-012, by Environmental Simulation Labs No. ESL-06-103 and ESL-06-090, by AMC No. 2006-AMC-067, by Maxxam Analytics Inc. No. A5B1935, by Bodycote Materials Testing Canada Inc. Nos. 06-01-T0085 and 06-01-T0817 and by PCERF No. P27-017-002. All tests reviewed by Underwriters's Laboratories of Canada, ULC File MC9323 Project 06CA59033 as per Checklist Dated December 14, 2006. Additional test reports submitted May 21, 2010 reviewed by Transport Canada Marine Safety.
- 2. All components shall be selected from the List of Material in Section 5 of FB-HTS-1, Rev. 1, dated April 8, 2010.
- Transport Canada considers the suit to comply with CAN/CGSB-65.16-2005 as modified by letter to ULC dated September 14, 2006 (our reference RDIMS #2014429) and email from ULC dated September 13, 2006 (our reference RDIMS# 2015710) and Mitigation Summary submitted May 21, 2010 (our reference RDIMS#5991339).
- Attached Schedule forms part of this Certificate.
- 5. Conditions of approval are specified on reverse side of this Certificate.

This approval supersedes approval number  La présente approbation remplace l'approbation n°	-	dated datée du		
This certificate is not transferable and is effective until  Le présent certificat ne peut pas être cédé et il est valable jusqu'au	July 31, 2015	unless cancelled or suspended earlier by proper authority à moins d'annulation ou de suspension prématuré par l'autorité compétente		
			Minister of Transport by istre des Transports par	
July 6, 2010		Allant	fees.	
Date		Norman Monteiro A/Manager Safety Equipment		



AMS 8710-14-8 Canada

SCHEDULE TO CERTIFICATE NO. ANNEXE AU CERTIFICAT N°		T.C.227.070.001		
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#### SCHEDULE OF APPROVAL

#### **Description:**

Inherently buoyant integral one piece front center zipper entry suit with a manually operated CO2 inflatable lifejacket with hood, neoprene cuffs with removable gloves, and boot. It has removable clip on pockets for user supplied Personal Locator Beacons and Emergency Breathing Supply.

The neoprene hood has an adjustment strap to allow the user to tighten the face seal to accommodate smaller head shapes to reduce water ingress. The legs and torso have a body adjuster to allow user adjustment of the leg and torso length. Elasticized leg panels are used for automatic comfort adjustments. Neoprene cuffs have elastic/Velcro straps for tightening to minimize water ingress. Removable neoprene gloves are stored in sleeve pocket of the suit and a buddy line is secured in the front pocket of the suit. A water activated light is attached to the front chest of the suit.

#### Limitation:

The HTS-1 Marine abandonment immersion suit system can be used only by the offshore industry. All personnel wearing the suit are to be fitted by the manufacturer or trained representative and an appropriate size to be recorded and controlled for issue of the suit prior to departure for the offshore installation.

#### Marking:

Each suit shall be marked with:

- a) Manufacturer 's Name, Trademark and/or Logo;
- b) Date of Manufacture:
- c) Model;
- d) Size;
- e) Lot Number; and
- f) Transport Canada Approval Number as follows: T.C. 227.070.001.

#### **List of Materials:**

As per Section 5. Specifications of submission package FB-HTS-1, Rev. 1, dated April 8, 2010.

#### **Conditions:**

- 1. Bilingual English/French instructions on the operation and maintenance of the approved Personal locator light shall be provided.
- 2. The manufacturer is responsible that every immersion suit system built to this Certificate of Approval corresponds to the approved prototype.
- 3. The immersion suit system has to prove satisfactory in service.
- 4. This certificate may be suspended or cancelled if the manufacturer deviates from any of the conditions described herein without the prior consent of the Board of Steamship Inspection.

### **End of Certificate**



Transport Canada

**Transports** Canada

