

FIOH

Finnish Institute of Occupational Health, Department of Physics  
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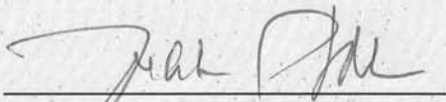
# EC TYPE EXAMINATION CERTIFICATE EXTENSION

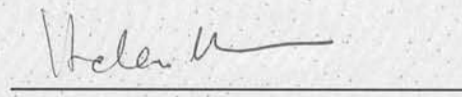
no. 95265S05

variable volume suit for diving  
**Ursuit® Heavy Light HD Cordura**  
also known as  
**North Gear 6300 FZ Cordura HD**  
Ursuk Oy  
Turku, Finland

This product complies with Directive 89/686/EEC

Helsinki, 8 May 2002

  
\_\_\_\_\_  
Jukka Starck  
Director of the Department

  
\_\_\_\_\_  
Helena Mäkinen  
Senior researcher

This certificate comprises 3 pages, of which this is the first one.



## 1. Applicant

Ursuk Oy  
Teollisuuskatu 34  
20520 Turku  
Finland

## 2. Description and identification of the product

Type: Variable volume suit for diving

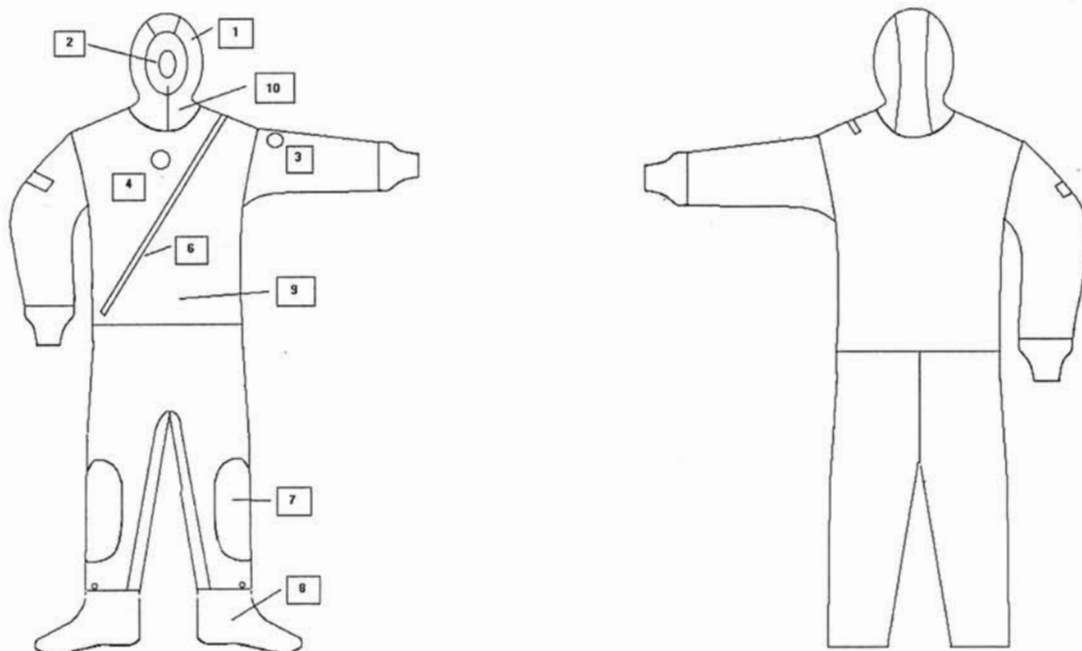
Names: Ursuit® Heavy Light HD Cordura, also known as North Gear 6300 FZ Cordura HD

Size range: 5 sizes, Height 152-200 cm, chest girth 88-128 cm

Description: A one piece variable volume suit for diving made of a black trilaminate polyester-butyl rubber-polyester fabric with attached neoprene hood or alternatively loose neoprene hood, attached boots, watertight zipper running from left shoulder to right shoulder, integral suspenders, inlet and outlet valves with hose. Latex neck and wrist seals, knee pads. The suit shall be used according to the user's manual with appropriate gloves.

Manufacturer: Ursuk Oy, Turku

Picture of the product





### **3. Alterations to the original product (EC type examination certificate No. 95265S01)**

Ursuit® Heavy Light HD Cordura has the same design and construction as Ursuit® 2520 Pro Std (certificates 95265S01) with the following changes:

1. The suit will be manufactured of new material
2. New seam sealing tape on outside and on inside, no glue is used
3. New material on knee pads
4. Optional thigh pocket

### **4. Adequacy and validity of the technical documentation**

The documentation supplied by the applicant is listed in Appendix 1. The technical documentation is considered adequate and valid. The materials have been tested in accredited testing laboratory by accredited testing methods.

### **5. Compliance with basic health and safety requirements**

The product complies with the relevant basic health and safety requirements stated in Directive 89/686/EEC Annex II as amended by 93/95/EEC, 93/68/EEC and 96/58/EC (in Finnish VNp 1406/93 Liite 1).

Note: Any modification in design, materials, or in the technical documentation, carried out on this type examined product must be brought to the attention of FIOH.

Appendix 1. Technical documentation

End of EC type examination certificate no. 95265S05.



## Technical documentation regarding EC type examination certificate extension 95265S05

Product name: Ursuit® Heavy Light HD Cordura, North Gear FZ Cordura HD

Applicant: Ursuk Oy

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	Dated .2002-04-25	Contains relevant information
2. Draft EC declaration of conformity	Dated .2002-04-25	Dry diving suits are category II products
3. Product drawing, construction, and material list	1. List of materials of Ursuit 2520 Pro/Heavy Light Cordura 2. Picture and details of the suit 3. Description and identification of the product 4. List of alterations 2002-04-25 5. Product description double texture Cordura/polyester fabric with an interply of Butyl rubber (AOF 245), 2000-09-20	Product, materials and accessories are identified
4. Compliance with Directive 89/686/EEC relevant basic requirements	The compliance assessment is based on reports mentioned below items 4.1-4.5	Relevant requirements of the Directive are met
4.1 Applicant's report on applied basic requirements	See certificate 95265S01 and item 6	Relevant requirements of the Directive are met
4.2 FIOH test report	22019T01, 2002-02-26	Material AOF 245 meets puncture tear resistance level 1 requirement after hot and cold storage, seam of AOF 245 meets proposed requirement in prEN 14225:2002
4.3 FIOH test reports	Ergonomic and water performance and cold donning test, see certificate 95265S01	
4.4 Draft information sheet	Variable volume suit instructions for use	Document meets the requirements of the Directive with some notes
4.5 Product markings	Marking label	Markings meet the requirements of the directive and EN340:1993



5. Description of the production quality system and related product control and test facilities	1. Tuotannon laatuohjeita 2. SFS sertifikaatti nro 1172-03, 1998-02-12 3. SGS certificate Q4383 2001-01-24 for ferguson polycom Limited	Adequate
6. Additional documentation	User statement from DG Diving group Oy, 2002-01-11	Positive evaluation