Certificate of Compliance

No. 0E180427.JHSUT5 Test Report no. MICEZ-2018041701-PPE

Certificate's Holder:

WOBO Industrial Group Corp.

Gaowan Industrial Park, Muye District, Xinxiang City, Henan Province, China

Certification ECM Mark:



Cryogenic Protective Clothing

Product:

Verification to:

Standard: EN 388: 2003

EN 511: 2006

related to CE Directive(s): R 2016/425 (Regulation on Personal Protective Equipment)

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecerma.it. This Certificate of Compliance can be checked for validity at www.entecerma.it

This verification doesn't imply assessment of the production of the product(s).

Additional information, clarification about the CE Marking:



We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is Responsible to start the CE Marking Certification Procedure through an appointed Notified Body and the perform all the necessary activities, as required by the Directive and accepted by the Notified Body, before placing the CE Mark on the product(s).

Date of issue 27 April 2023

Chief Manager Marca Moring Expiry date 26 April 2028

Deputy Manager Amanda Payne



Cryogenic Test Report			
Item	Cryogenic Suits	Art. NO.	DW-16(06)
Test Instrument	Ultra-low temperature environment	Test Period	24hours
Product Process	Waterproof coating + hollow fiber	Test Date	Apr.20th, 2021
Test Aim	Cryogenic Test		
Document and Decide Accordance	1、GB/T 4745-2012		
	2、GB/T 3923.1-2013		
	3、GB/T 3917.3-2009		
	4、GB/T 21196.2-2007		
	5、GB/T 2912.1-2009		
	6、XF634-2015		
	7、XF 770-2008		
Test Process	 8. Put the product into the hot and cold shock position, set the high temperature 85°C, low temperature -186°C, temperature cycle time 45 minutes, impact cycle 27 times, adjust the high and low temperature cycle time to 20 seconds; 9. The sample starts from room temperature to low temperature, after maintaining the low temperature cycle time, quickly impact to high temperature, after maintaining the high temperature cycle time, quickly impact to low temperature, so a cycle; 10. After the test is completed, the sample is moved to the constant temperature for temperature and humidity test: put the sample into the temperature and humidity instrument, set the test data, and the time is 48 hours; 		
Surface phenomenon analysis	 a) The sewing of each part is smooth, no off-line, skipping phenomenon, no surface cracks, delamination, damage and other defects; b) all symmetrical parts are basically consistent; c) Adhesive lining without degumming and surface gumming; d) no logo; e) No visible scratches and scratches on the window of the heat shield. 		
Result	The samples were tested at low temperature, and no bad phenomenon of warping and cracking was found.		
Tester	孙明明	Authorizer	孙岳源