



BV Ref: EXT-12573-14

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Inspection Report

Applicant : Xi'an J&R Safety Emergency Equipment Co., Ltd
Inspection Location : Xi'an City, Shaanxi Province, China
Inspection Date : Sep 26, 2014
Scope of Inspection : Witness the test
Commodity & Quantity in declared : 8 Pieces / Model

Model	Quantity
JE-50	8 pieces
JE-100	8 pieces
JE-150	8 pieces

INSPECTION RESULT

Quantity & Storage : At time of our attendance, all the above list mentioned consignments were properly stored in the manufacturer's warehouse, and apparently in normal condition.
During inspection, the total quantity was verified 8 pieces in each model, total 24 pieces of cargoes were found on site and found to be complied with the declared quantity.

Packing : At time of our attendance, each piece of the cargo was packed by PE bubble wrap.

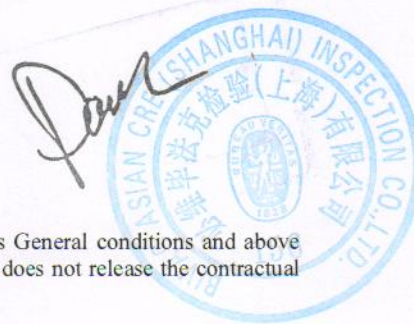
Marking : Some markings were painted or pasted on the cargo surface as pictures.

Witness the test :
Before the test : Before the test, we checked the test plates as under:

Fire Rating Class	Dimension of the steel plate		
	ID	THK	TVD
8B	570 mm	2.36 mm	148 mm
13B	719 mm	3.02 mm	152 mm
21B	921 mm	2.72 mm	147 mm
34B	1169 mm	3.00 mm	150 mm

Witness the test process : 3 pieces of the cargoes were randomly selected from each model for the fire test and then, 1 piece of cargo model JE-50 was randomly selected for cargo outside temperature test.
The whole test process was implemented by workers in an indoor house under our witness.

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Test result :

Cargo Model	Fire rating class	Approx fire area	Environment temp before test	Depth of water	Depth of oil	Per burning time	Discharge time	Result
JE-50	8B	0.255 m ²	27.5 °C	49mm	21mm	60s	12.06s	Succeed
JE-50	8B	0.255 m ²	28.0 °C	49mm	20mm	60s	10.78s	Succeed
JE-50	13B	0.406 m ²	28.5 °C	50mm	20mm	60s	10.12s	Succeed
JE-50	13B	0.406 m ²	29.5 °C	50mm	19mm	60s	12.41s	Failed
JE-50	13B	0.406 m ²	29.0 °C	50mm	20mm	60s	12.20s	Succeed
JE-100	13B	0.406 m ²	28.5 °C	50mm	20mm	60s	9.25s	Succeed
JE-100	13B	0.406 m ²	29.5 °C	50mm	19mm	60s	10.75s	Succeed
JE-100	21B	0.666 m ²	27.5 °C	49mm	21mm	60s	9.47s	Failed
JE-100	21B	0.666 m ²	28.5 °C	49mm	20mm	60s	9.90s	Succeed
JE-100	21B	0.666 m ²	29.0 °C	49mm	20mm	60s	9.19s	Succeed
JE-150	21B	0.666 m ²	29.5 °C	49mm	19mm	60s	11.46s	Succeed
JE-150	21B	0.666 m ²	28.0 °C	49mm	20mm	60s	10.22s	Succeed
JE-150	34B	1.073 m ²	27.5 °C	50mm	20mm	60s	9.96s	Succeed
JE-150	34B	1.073 m ²	29.5 °C	50mm	19mm	60s	10.40s	Succeed

Remark 1: As the standard Q/JR 007-2013, fire extinguishing test shall be carried out three times, if the fire extinguisher succeeds in fire extinguishing twice, it shall be considered as qualified fire extinguisher applicable to the fire extinguishing of the class. If the fire extinguisher succeeds in fire extinguishing in succession, the test for the third time shall be exempted.

Remark 2: All the materials we used during the whole test process were provided by the factory.

Remark 3: Some oil was left in the steel plate after each test.

Remark 4: 1 piece of the cargo model JE-50 was released on site, after that, the temperature of the cargo outside was tested by infrared thermometer in 34.1 °C

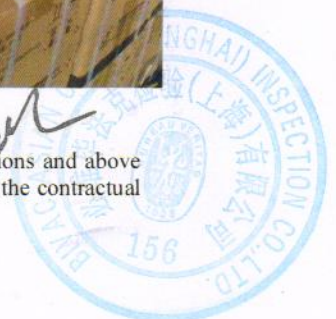
Rex Zhang

Bureau Veritas Bivac Asian CRE (Shanghai) Inspection Co., Ltd

PICTURES:



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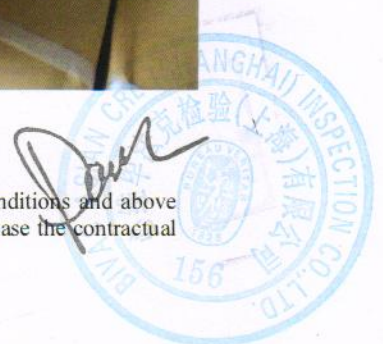
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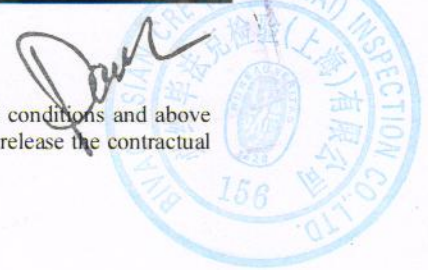
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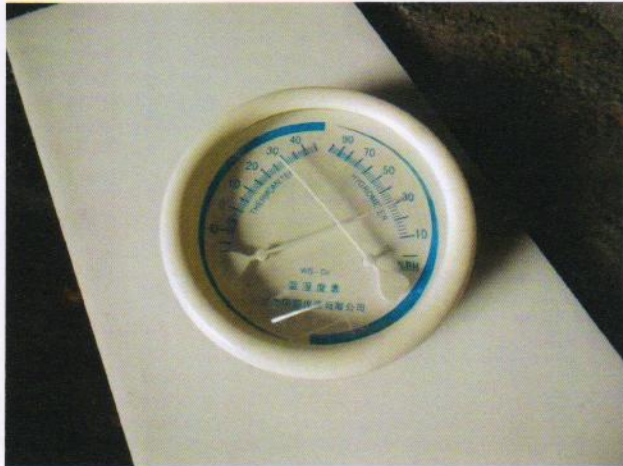




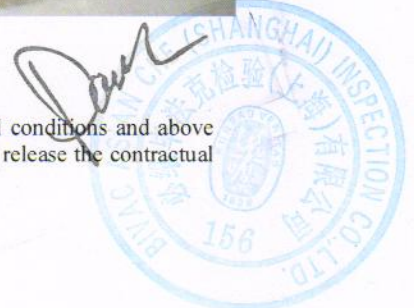
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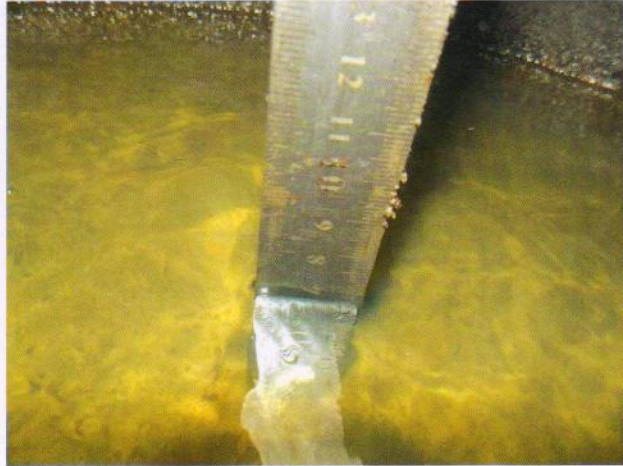




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