



After Cooler Specifications	
Air Handling Capacity, m <sup>3</sup> /hr (CFM) Nm <sup>3</sup> /min	5097 (3000) 85 - Continuous Flow
Maximum Working Pressure, psi (bar) MPa	435 (30) 3.0
After cooler Performance	Reduction of Temperature from 80°C to 40°C
Power Requirements	220VAC, 50Hz
Inlet / Outlet Flange Size	6", 300#, RF Flange
Air Handling Hoses, psi (bar)	2", 600 (41.3), MNPT Threaded
Skid Framing, mm	3100 x 1700 x 2500 x 3MT
No of Units	2

*The After cooler is used in pipeline pre commissioning operation spread and is attached between compressor manifold and Air dryer.*

*The primary functions of the After cooler are as follows.*

- *Remove oil content from the air moisture*
- *Remove moisture from the air content*
- *Convert hot air from air compressor to cool air to air dryer*

*The oil/water separator is made up of EX proof pressure vessel with carbon 3-5mm granules and allows continuous air to flow through it. It removes the oily moisture content in the air and purges the water out from beneath via a ½" piping. Purging time is time controlled via a timer solenoid valve every 10 minutes.*

*OCS has Equipment passports for individual equipments which must be reviewed before each project to assess the status. The equipment passport gives the working history, maintenance and certification history of equipment.*

*It is important to regularly review the list of critical spare parts of the equipment before each project. Where failures occur during operations Equipment bulletins will be issued to document the problem and the remediation solutions applied. The equipment bulletin will be circulated to all field engineers to be informed about the possible failure that can occur during the operation and thereby avoid future failure.*

*This equipment file remains a live document and will be constantly updated by the equipment department.*



# 防爆合格证

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

证 号  
Certificate No. CE12.1224

产品名称  
Name of Product

防爆控制箱

型号及规格  
Type of Product

BET56-C

防爆标志  
Marking

Ex d II C T6 Gb/DIP A20 Ta,T6

技术文件  
Technical Documents

Q/320681 KPD122-2011

图 号  
Drawing No.

BET56-C-00

备 注  
Note (s)

1. 额定电压: AC220V、AC230V、AC240V、AC380V、AC400V、AC414V。
2. 额定电流:  $\leq 400A$ 。
- 3 外壳防护等级: IP66。

经对上述产品图样及技术文件的审查和样品的检验, 其符合以下中国现行标准:

By verifying the drawings and technical documents and checking samples, the product complies with the following standards currently valid in P. R. China:

GB3836.1-2010

GB3836.2-2010

GB12476.1-2000

发 给:  
Issued to:

江苏欧瑞防爆电气有限公司

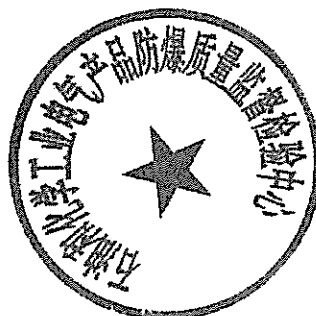
本证失效日期:  
Date of Expire:

2017-05-31

发 证 日 期:  
Date of Issue:

2012-05-31

中心印章  
Center seal



中心主任  
Director

刘红先

石油和化学工业电气产品防爆质量监督检验中心  
Supervision & Test Center of Ex-products of China Petroleum & Chemical Industry

注: 本证仅对与送检样品一致的产品有效。

Note: This certificate is only valid for the products that are in accord with sample(s) tested and verified.

中心地址: 中国天津市丁字沽三号路 85 号

Center Add: No.85 No.3 Road DingZiGu Tianjin China Post code: 300131

E-mail: cec@pcec.com.cn

邮政编码: 300131

电话/传真: 022-26651066 / 26689116

Tel/ Fax: 022-26651066/26689116

<http://www.pcec.com.cn>

SIDE VIEW

1. ALL DIMENSIONS ARE IN MM (U.N.O.).
2. ALL MATERIALS ARE ASTM A-36
3. ALL WELD TO BE FULL PEN (U.N.O.).



