

TCCExEE  
Testing  
certification Center  
of explosionprotected  
electrical equipment  
DONETSK

AUTHORIZED  
by Gosenergonadzor  
(Ministry of Energy Russia)

# APPROVAL

for the explosionprotected electrical equipment  
(electrical facility)

**№ 668**

This approval, issued for the firm O'Brien Corporation (1900 Crystal Industrial Court, St.Louis, USA), verifies, that

**THE HEATERS TYPE CW..**

which are manufactured by this firm  
are explosionproof.

On the ground of the examinations of technical documentations and explosionproof testings, the specified equipment conforms the GOST R 51330.0-99 and GOST R 51330.1-99 and can have the Ex-marking:



1ExdIICT3

The Heaters should be used in accordance with "Condition of the application", that enter into Approval.

This Approval valid to 01.04.2009.

This Approval may be renewed o \_\_\_\_\_

Director of TCCExEE

A.Pogorelsky

МП

### Condition of the application


1. Heaters of CW.. type could be maintained in hazardous indoors locations and external sites in compliance with article 7.3 ПУЭ, where there is a possibility of hazardous mixtures formation, which belong to categories IIA, IIB, IIC and temperature classes T1, T2, T3, with a temperature of the environment from  $-40^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .

2. The field of usage of CW.. temperature converters is conditioned by its hazloc marking **1ExdIIC T3 X**

The following marking should be placed on the body:

O'Brien Corporation

EEx.. Heater

 1ExdIIC T3 X

Model:.....

Fac. № .....

3. O'Brien Corporation is responsible for correspondence of manufactured CW.. heaters construction to the tested sample.

4. Any changes or add-ons included in the construction of CW.. heaters having an influence on explosion safety should be submitted to TCCExEE, Gosenergonadzor an Gosgortekhnadzor of Russian Federation.

5. Technical description of CW.. heaters imported to CIS countries should be supplemented with current part of Approval.

Director of TCCExEE

A.E. Pogorelskyy