

## CORTEM GULF FZCO

### Regional Head Office

Roundabout 08 HC-02, HC-03 & HC-04  
Jebel Ali Free Zone, P.O. Box 17123  
Dubai, U.A.E.

Tel: +9714 806 2000  
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Email: info-gulf@cortemgroup.com



www.cortemgroup.com



To be sure to be safe.

Dubai, 22/01/2025

COC/3844/2025

M/S. ENER PROCESS FZ-LLC

**SUBJ. :** PO.NO: ENP-CORTEM-2024-PO-200

CORTEM REF: 3844

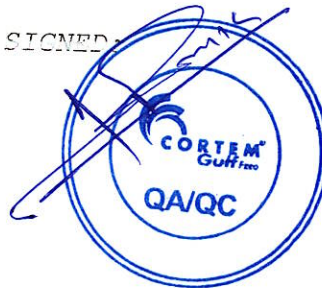
1. CTB484820S1- 2pcs
2. CTB453820S1- 2pcs
3. CTB303020S1- 2pcs
4. CTB262620S1- 2pcs
5. CTB262620S1- 2pcs

### **CERTIFICATE OF COMPLIANCE**

We hereby certify that materials relevant to subject Purchase Order conform to contractual quality requirements including applicable Codes, standards and specifications, have satisfactorily passed our technical and quality inspection requirements and have therefore been approved for shipment.

Dated:  
22/01/2025

SIGNED:



TITLE:  
OPERATIONS MANAGER

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## Material Test Certificate

Doc. CGFZ-MTC - 3844.25

Customer: M/s. ENER PROCESS FZ-LLC

Cortem Gulf Job: 3844

P.O. NO: ENP-CORTEM-2024-PO-200

Internal Test Report date: 22/01/2025

Status of order: Not complete  Complete

Inspection Report third party date: N.A.

If not complete Nos of Lot: N/A

List of inspected materials: ITEM 1: CTB484820S1- 2pcs, ITEM 2: CTB453820S1- 2pcs, ITEM 3: CTB303020S1- 2pcs, ITEM 4: CTB262620S1- 2pcs, ITEM 5: CTB262620S1- 2pcs

Inspection result: Satisfactory  Not satisfactory  Other

Notes:

## Description of checks and tests

1. Compliance with drawings a/o data sheet	<input checked="" type="checkbox"/>	9. Check of nameplate a/o marking	<input checked="" type="checkbox"/>
2. Dimensional check	<input checked="" type="checkbox"/>	10. Check of Ex-d, Ex-e, Ex-I certificates	<input checked="" type="checkbox"/>
3. Check of quantity	<input checked="" type="checkbox"/>	11. Dielectric test (SEE TAB. 1-2-3 BELOW)	<input checked="" type="checkbox"/>
4. Check of machining tolerances	<input checked="" type="checkbox"/>	12. Electrical performance	<input checked="" type="checkbox"/>
5. Check of threads	<input checked="" type="checkbox"/>	13. Insulation resistance > 1000 Ω/V minimum	<input checked="" type="checkbox"/>
6. Check of painting	<input checked="" type="checkbox"/>	14. Pressure test according to Explosion - proof certificates	<input checked="" type="checkbox"/>
7. Check of correct installation of components	<input checked="" type="checkbox"/>	15. Test of surface treatments	<input checked="" type="checkbox"/>
8. Check of protection degree	<input checked="" type="checkbox"/>	16. Test of mechanical operation	<input checked="" type="checkbox"/>

Notes:

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### TAB.1 - Test for Power Circuit

*Rated insulation  
voltage  $U_i$*

*Dielectric  
test voltage ac.*

$U_i < 60$	1000
$60 < U_i < 300$	1500
$300 < U_i < 690$	1890
$690 < U_i < 800$	2000
$800 < U_i < 1000$	2200

### TAB.2 - Test for auxiliary Circuit

*Rated insulation  
voltage  $U_i$*

*Dielectric  
test voltage ac.*

$U_i < 12$	250
$12 < U_i < 60$	500
$U_i > 60$	$2U_i + 1000$ with a minimum of 1500

### TAB.3 - All Cortem products

The test voltage ( 1800Vac ) must be applied between all the active parts and the earth of the apparatus for 10".

Tested By

Approved By

