

**Your Competent Partner for  
Hazardous Area Ex Projects and Plants  
according to ATEX and IECEx**

# **CAPABILITY STATEMENT**



# HAZARDOUS AREA Ex COMPLIANCE

## list of Ex COMPETENCIES

YOUR DEMAND

Competent Ex partner  
 Certified partner according to ATEX\*  
 Certified partner according to IECEx\*\*  
 Explosion protection document  
 Verification dossier  
 Site Ex policy  
 Zone classification  
 Ignition source analysis  
 Ex design  
 Ex installation  
 Ex inspection, audit – detailed, close, visual  
 Fit for purpose assessment  
 Ex maintenance  
 Ex inspection, audit – initial  
 Lifetime tracking  
 Trained personnel  
 Ex overhaul  
 Ex repair  
 Additional services like  
     HAZOP  
     FMEA  
     SEVESO  
     Safety Reports  
 Ex Documentation Management  
     www.epds.hu  
 Trainings  
     for Operators/Maintenance  
     for Engineers/Managers  
     e-learning

Ind Ex's SERVICE PACKAGES

for any  
**HAZARDOUS  
 AREA Ex**  
 PROJECTS  
 and PLANTS



## CERTIFIED according to

ATEX*	IECEx** – Certificates of Personnel Competence
ATEX 94/9	Unit Ex 001 Apply basic principles of protection in explosive atmospheres
ATEX 137	Unit Ex 002 Perform classification of hazardous areas
ATEX 2014/34/EU	Unit Ex 003 Install explosion protected equipment and wiring systems
	Unit Ex 004 Maintain equipment in explosive atmospheres
	Unit Ex 006 Test electrical installations in or associated with explosive atmospheres
	Unit Ex 007 Perform visual and close inspection of electrical installations in or associated with explosive atmospheres
	Unit Ex 008 Perform detailed inspection of electrical installations in or associated with explosive atmospheres
	Unit Ex 009 Design electrical installations in or associated with explosive atmospheres
	Unit Ex 010 Perform audit inspection of electrical installations in or associated with explosive atmospheres

# CONTROL PROCEDURE FOR ATEX/IECEX STUDY & CERTIFICATION



Furnish Strategy, approach and overall project execution plan including the preparation of design basis for Area Classification studies and identify the list of deliverables.

Involve in detail design, equipment selection and finalization and shall fully understand the E&I overall system operation philosophy.

Review the design & vendor deliverables and provide necessary inputs.

Participate in 30%/60%/90% Design Review and in other workshops such as EHAZOP, HAZOP etc.

Evaluate all the possible risk assessment, both qualitative & quantitative.



Provide critical interface inputs; specify special requirements in Electrical Design Basis & Data sheets / Equipment Specification or vendor compliance.

Be proactive in providing timely inputs based on project schedule & highlight major impacts if any with possible mitigation measures without affecting the project cost & schedule impact to the COMPANY.

# METHOD STATEMENT FOR ATEX/IECEX STUDY & CERTIFICATION



Establish the Hazardous Area Classification Study control procedure, as a part of management plan to the COMPANY for review / approval.

Provide the latest IECEx Certification practices, codes & Standards followed in the industry.

Periodically conduct necessary review meeting with the project engineering team to liaison for exchange of inputs and brief on the progress and advice any remedial corrections as required as applicable.

Recommend necessary mitigation measure to curtail the possible violation certification during installation, without violating any codes / standards, use of non-standard equipment modification's practices; and duly supported by project reference carried out in the recent past.



# EVIDENCE FILE / REPORT



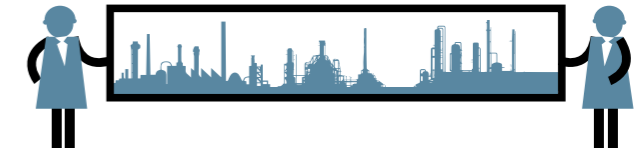
Consolidate all the activities substantiating with supporting documents for involvement from concept to commissioning.

Consolidate & provide the final recommendations for implementing into construction design followed by verification w.r.t AFC drawings.

Report the basis of review for all the AFC drawings and provide the final comments for any anomalies from the study and capture solutions, mitigation measures during the construction phase.

Carryout the necessary inspection during installation, pre-commissioning & final commissioning, to verify any violations in making the certified installation void.

Consolidate all study inputs; Field Test Reports & Certificates to declare the complete installation is safe, free from violation (as per IECEx) and provide the certification for IECEx compliance.



# Ind Ex's SERVICE PACKAGES

## Ex COMPLIANCE

full coverage of explosion protection both onsite and offshore  
strategy, approach and overall project execution plan  
review  
support engineering

## DOCUMENTATION

explosion protection document  
verification dossier  
site Ex policy  
zone classification  
inspections  
audits  
trainings  
[www.epds.hu](http://www.epds.hu)

## Ex DESIGN

review  
support  
engineering  
selection

## EXPLOSION PROTECTION

electrical  
non-electrical

## INSPECTIONS

detailed  
close  
visual  
initial  
fit for purpose  
assessment  
audit  
assessment  
ignition source  
analysis

## TRAININGS

personnel  
trainings  
e-learning  
detailed and/or  
dedicated  
for operators  
for managers  
according to  
ATEX/IECEX

## Ex INSTALLATION

review  
support  
engineering  
selection

## Ex MAINTENANCE

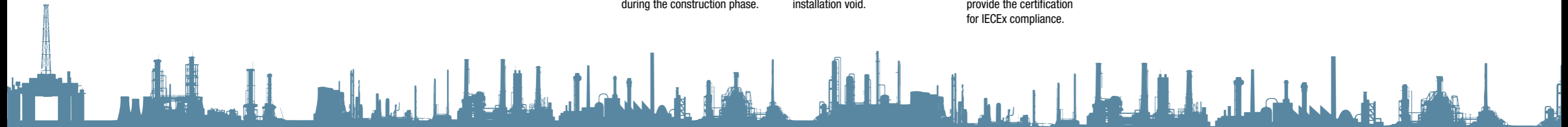
review  
support  
engineering  
selection

## LIFETIME TRACKING

documentation system  
[www.epds.hu](http://www.epds.hu)

## ADDITIONAL SERVICES

HAZOP  
FMEA  
SEVESO  
EMC / EMI



# APPROVED



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