



TOTAL-EX **THE LIVE** **HAVD**

**THE SINGLE SOURCE OF TRUTH
FOR YOUR EEHA DATA.**

Total-Ex supports you at every stage of your site's EEHA lifecycle. Upgrade your existing HAVD systems, eliminate spreadsheets, and gain unrivalled visibility and EEHA compliance support with Total-Ex.

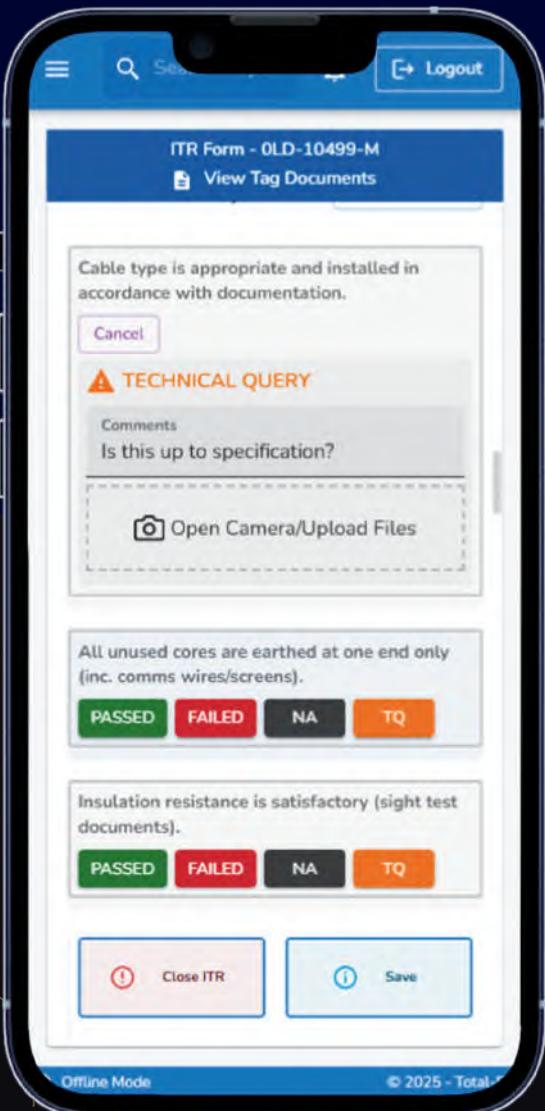
www.total-ex.com.au





THE SINGLE SOURCE OF TRUTH FOR YOUR EEHA DATA

Bring Compliance into Focus with Total-Ex



Contact Information:



(08) 6223 0200



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Modern EEHA Management for site compliance

Total-Ex is the live Hazardous Area Verification Dossier. An innovative software system developed to streamline and optimise current HAVD management processes.

Managing Electrical Equipment in Hazardous Areas is complex and heavily regulated. Total-Ex streamlines compliance with a comprehensive digital solution designed for real-world industrial environments..

Engineering

Construction
&
Inspections

Operations

Key Features

- **Automated Engineering Rule Checks** aligned with Australian Standards
- **Lifecycle Equipment Tracking** to monitor progress from Engineering to Operations
- **Smart ITRs**, tailored to specific protection techniques

Built for Safety

- Conforms to AS/NZS 60079 & IECEx Hazardous Area Standards
- Secure, Australian-developed and hosted platform with end-to-end encryption
- Supports multi-site operations and contractor access, with integrated competency tracking and management

UNRIVALLED ENGINEERING & COMPLIANCE SUPPORT

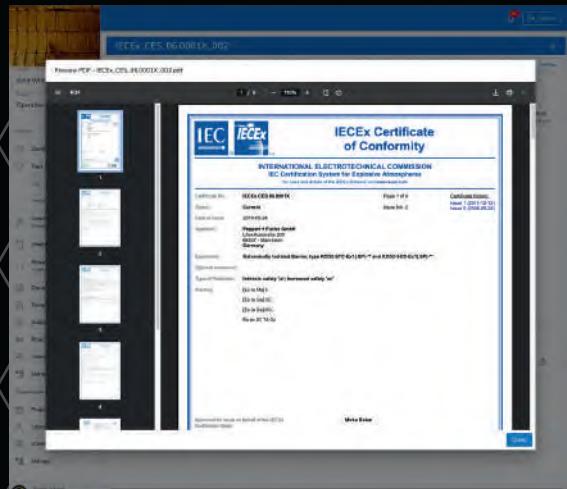
Catch non-compliances before they cost you time & money.



TOTAL-EX

AUTOMATIC COMPLIANCE CHECKS ON YOUR ENGINEERING DATA AGAINST AS/NZS 60079 STANDARDS

Catch potential non-compliances at every stage of your EEHA lifecycle - from initial engineering and documentation requirements to inspection obligations and competency tracking.



View all of your EEHA documents in one place and linked to your tag data



Engineering & Operations

- **Automated Data Checks** against AS/NZS 60079 to support engineering compliance
- **Competency Matrix** to manage training and qualifications for Classification, Engineering and Design, Construction and Inspection personnel
- **Controlled Management** of EEHA Documentation
- **Track Equipment Completion** across all phases of the project lifecycle
- **Efficient Data Management** with easy import/export of equipment lists and documents
- **Comprehensive Audit Logs** to track changes by user, time, and action
- **Custom User Permissions** to control access and responsibilities within your Total-Ex environment

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ONLINE/OFFLINE EQUIPMENT INSPECTIONS

Construction & Inspections

- **In-App Construction Inspections** – Upload and complete Hazardous Area ITRs directly within the platform
- **Pre-Filled Fields** – Boost efficiency by auto-populating inspection forms with defined engineering data
- **Competency-Controlled ITR Allocation** – Ensure only qualified personnel are assigned inspection tasks
- **Visualisation** of inspection outcomes
- **Offline Capability** – Conduct inspections and access key documents in the field without an internet connection



Visual ITR outcomes and review

Integrated ITR Data

Total-Ex flags equipment failures and discrepancies automatically, eliminating double handling. Inspection results appear alongside engineering data for quick issue resolution. View full inspection history instantly and export PDF reports on demand.



Optimised ITR for mobile and tablet

- **Smart ITRs** – Conditional logic shows only relevant fields, simplifying and streamlining the inspection process
- **Contractor & Staff Management** – Control access with role-based permissions and competency validation
- **Field-Based TQ Capture** – Submit technical queries directly from the inspection site
- **Manage Daily ITRs** – Issue specific ITRs to specific workgroups as required
- **Mobile & Tablet Optimised** – Purpose-built for on-site inspections across all devices



Our Partners in Solving EEHA

Integrated Partners and Clients leveraging
Total-Ex for EEHA Compliance



Fortescue



HAZTECHSOLUTIONS

Baker Hughes



MULDEC
SOLUTIONS

IMPERIUM
ENGINEERING PTY LTD

BOC
A Linde company

CARBON
280
Good for the planet



QUANTUM
ELECTRICAL + TECHNICAL SOLUTIONS



VAF MEMSTAR

i.safe MOBILE



Premium Distributors for i.safe Devices

Ask us about discounted pricing on upgrading your Intrinsically Safe Devices



Aaron Drew
Managing Director
EEHA Specialist, CPEng, RPEQ, GAICD



Greg Rossiter
Operations Manager
EEHA Design Manager, GAICD



Ben Auld
Construction/Inspection Manager
A Grade Electrical Contractor



Matthew Armstrong
Business Development Manager



Reece Roguski
Software Business Manager

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The in-built EEHA data compliance checkers and engineering rulesets of Total-Ex identified upwards of 100 compliance issues in our sample dataset in seconds. This could have taken months to identify in such a large dataset, and it is unlikely whether they all would have been found at all.

- Matthew Thompson, Baker Hughes

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