

# CUSTOMISED OVERHAUL & REPAIR COURSE

**VERICO**  
TRAINING SERVICES



## **CUSTOMER:**

Toshiba International Corporation, a wholly owned subsidiary of Toshiba Corporation, Japan.

## **LOCATION:**

Toshiba's manufacturing workshop, Winston Hills, NSW.

## **PROJECT:**

Verico Training Services developed a tailored Overhaul & Repair course in line with AS/NZS 3800 requirements that was held at the customer's manufacturing site, with a focus on explosion protected motors.

## **BACKGROUND**

Toshiba International Corporation is an OEM and provider of quality variable speed drives and standard/electric hazardous area motors.

As a supplier to mines and industrial environments, Toshiba is often required to make alterations to motors to meet their clients' requirements.

Toshiba is not a licensed overhaul workshop. However, to ensure client confidence and the continued development and competency of staff, Toshiba regularly organise Overhaul & Repair AS/NZS 3800 training for their manufacturing staff.

This is the fifth time VTS trainer/ assessor Ray Stanton has provided this training to the Toshiba Workforce based at Winston Hills.

## **PROJECT OVERVIEW**

Typically, the Overhaul & Repair course is a nationally accredited post-trade program and delivered to electrical tradesmen. The Toshiba workers at the Winston Hills site were however non-trade technicians working on and repairing machinery that required specialist knowledge.

VTS therefore tailored a program to suit Toshiba's specific needs; a non-accredited program based on units



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of competence, which covered Ex techniques and provided workers with job-critical knowledge and practical skills.

## PRODUCTS AND SERVICES PROVIDED

A three-day course was provided to 12 workers covering the following topics, with a focus on explosion protected motors:

- Explosion protection fundamentals
- Certification schemes
- Working on equipment with Ex d, Ex e protection
- Working on explosion protected rotating machines

## OUTCOME

At the customer's request, VTS was able to deliver hands-on and practical training at the customer's site, with participants using their own tools and equipment to learn new skills and revise existing practices. The training was delivered using real work scenarios on authentic motors from Toshiba's own workshop.

As the course was non-accredited, VTS was able to comprehensively customise the content to suit the work performed at this specific customer's facility.

Following the completion of the course, the twelve Toshiba staff have new-found skills and knowledge in the manufacture and repair of explosion protected motors.

