







### Safety-First **Prioritization<sup>SM</sup>** (Maintenance Triage) Workshop

#### **About Workshop**

The Safety-first Prioritization<sup>SM</sup> workshop is based on the WHO Risk-based Equipment Management program and CWorks Maintenance Triage Matrix™ that define assets and priorities based on risks and on the consequences of failures. Assets that carry the most risk receive the bulk of resources and take precedence over non-critical ones. This workshop will help you triage the most economical use of time, money, and human resources without sacrificing life and business safety.

The triaging benefits of Safety-first Prioritization<sup>SM</sup> are:

- Reduces risks to acceptable levels
- Improves safety and reliability
- Extends assets' useful lives
- Provides guidance for limited budgets
- Eliminates low-value work orders
- Eliminates maintenance backlog

100% claimable under HRDCorp costs at RM6,000/group. However for a limited time, this course is provided free to encourage more participants. Each workshop is conducted at the participant's workplace with minimum 5 participants. Certificate will be provided to each participant. To date, 1000s have participated in this workshop.

#### **KEY MODULES/TOPICS**

Risk and Consequence tables by industry.

Equipment Management Number (EM), and, Maintenance Triage

Risk-based Budget Management and Control.

Computerized Maintenance Management System, and, Maintenance Prioritization Expert System.



#### Be successful, join the crowd.





































































































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## What they say about the program!!!

Safety-first Prioritization training is an eye opening session. Traditionally risk are assessed manually and addressed by using tacit knowledge. The session explains the idea of using historical data and current knowledge in order to assess risk and prioritize which to control first.

Nur Atikah Mohd Rosely

OSHE Engineer, Epson Precision Malaysia

I would like to express my appreciation to CWORKS for organising the course Risk-Based Equipment Management Training. We're so glad that you all flew all the way to Miri for sharing the knowledge and information. We have learned so many things, especially the importance of computerized maintenance. We are grateful that this course give us benefits in the future. The training was really good. Experienced trainer. Looking forward to having another training with CWORKS team.

Munira Mohd Amir Firdaus Biomedical Engineer, Borneo Medical Centre (Miri), Sarawak

Safety-first Prioritization training is a good practice for safety and risk assessment in maintenance to prioritize which equipment is critical.

Ts. Muhammad Rodzi Bin Umar Manager, Alam Flora Environmental Services

The Equipment Management Training provide us with comprehensive training for equipment management with reliable standards from WHO & Malaysian Standard. The risk-based standard helps us to determine the priority and criticality of the equipment. Overall, it is great training for asset management.

Siti Sarah Mohd Saleh Biomedical Engineer, Penang Adventist Hospital

The training was good and helpfull for our operation and maintenance department. And also, we get to learn more on data collection, data analysis and ...

Thangeswaran Punusamy Engineer, Penang Hill Corporation This workshop was fantastic! We learned so much during the session and it exceeded our expectations!. The objectives of the workshop are well delivered and we are happy to learn new methodology to practice in our organization. We as GSE AirAsia like to say our gratitude. Thank you!

Ground Support Equipment Team

The Safety-First Prioritization workshop provides a new dimension to Facilities Management from the focus on feedback or schedule maintenance management to Risk-Based prioritization. It helps increases productivity in overall facility management.

Ts. Mohd Hafiz Bin Ishak Senior Executive, Alam Flora Environmental Services

Experienced instructor. Very interesting to me to manage assets better to reduce the risks. Thank you CWorks! This training helps private hospitals manage their assets to be healthy and safe for all visitors, reduce risks to patients and staff. The modules used are world-class, using WHO's recommended method. It was also great to reduce the cost of an organization. This training does open the minds of the End-User, QA, Procurement and Safety to be more inclined in this asset management skill which helps an organization to produce a healthy and safe hospital.

Ts. Muhammad As'syarafi Bin Mansor Hospital Support Service Engineer, Bagan Specialist Centre

The training was very good eye-opening for risk assessment on the assets and others by selecting the work on a priority basis.

Sathiaseelan K Dorai Raju Manager, Kolej MDIS Malaysia

The training gives better ideas and exposure to equipment maintenance management. It also exposes our staff and gives a better understanding of the usage of standard device nomenclature. Hopefully, it will help our team manage better the maintenance data of our equipment and system.

Zainal Ahmad

Support Service Manager, Columbia Asia Hospital

### **Course Outline**

✓ Duration : 1 Day (9:00am to 4:30pm)

Location : Client's site

Target Group: Owners, maintainers and operators of

physical assets who want to eliminate increasing maintenance backlog.

# Organized by

**CWorks-UNIMAS** Maintenance Management Centre (CMMC). CMMC is a collaboration entity between CWorks Technologies Sdn Bhd and University Malaysia Sarawak (UNIMAS)

### **Lead Trainer**

Dr. Abdul Rani Achmed holds a B.Sc in Electrical Engineering from Purdue University, West Lafayette. He also holds a M.Sc. in Engineering Business Management from Warwick University. He received his Doctorate from Universiti Teknologi Malaysia. Formerly an engineer at Schlumberger and Racal, Rani was the lead implementer for the hospital support service MMIS at Propel-Johnson Controls from 1997 – 2000. He is also the founder and CEO of CWorks, a leader in computerized maintenance management systems (CMMS). The CWorks CMMS is used by asset intensive industries in over 100 countries since 2001.