SANDHURST ADVISORY

HRDCORP CLAIMABLE



16 CDP
Approved by Suruhanjaya Tenaga (ST)

PUMP SYSTEM PERFORMANCE & ENERGY EFFICIENCY

A SYSTEMATIC & PRACTICAL APPROACH

18-19 NOV 2026
8.30AM - 5.30PM

SHAH ALAM / KUALA LUMPUR

Ir Kumarason S Kandiah

Chiller, Pumps & Compressed Air System Expert Trainer

- **MANDATORY CDP TOPIC BY SURUHANJAYA TENAGA (ST)**
- **GAIN IN-DEPTH INSIGHTS FROM TRUSTED INDUSTRY EXPERTS.**
- **100% HRDC CLAIMABLE TRAINING**
- **IMPACTFUL OUTCOMES THROUGH DISCUSSION & PRACTICAL SESSIONS.**

KEY HIGHLIGHTS

- **Identify oversizing and control problems.**
- **Diagnose hidden efficiencies in pumping systems**
- **Quantify potential energy savings opportunities.**
- **Translate pump performance analysis into energy audit findings and recommendations.**
- **Apply system-level optimisation approached to reduce electricity cost.**

WHO SHOULD ATTEND

- Energy Managers / Energy Engineers
- Mechanical & Maintenance Engineers
- Facility / Plant Engineers
- Operations & Maintenance Personnel
- Technical Managers & Supervisors

RM 2,800 PER PAX

PAY CASH & ENJOY RM140 OFF TRAINING FEE

013-286 0168
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Visit our website
sandhurstadvisory.com.my

TRAINING OUTLINE

TIME	TOPIC / ACTIVITIES	TOPIC / ACTIVITIES
9.00 a.m.	Pump efficiency improvement - pre-screening & LCC approach. Understanding Pump Systems & Process Demands	Brief Day 1 lesson review Parallel and Series Pumping
10.30 a.m.	Morning Break	
10.45 a.m.	Typical Pump Types in Industries Pump System Fluid Relationships • Fundamentals Hydraulics • Total Head • System Curves	Sample PSAT Exercise ASME Standard • Organizing & conducting the Assessment
1.00 p.m.	Lunch Break	
2.00 p.m.	Understanding Pump Performance Characteristics Understanding Pump System Energy Use	File Data Collection Sample Problem - Group Exercise
3.30 p.m.	Tea Break	
3.45 p.m.	Introduction to PSAT	Assessment & Closing
5.00 p.m.	End of Day 1	End of Day 2



TRAINER'S PROFILE

IR KUMARASON S KANDIAH

- 20+ years of industry experience in energy management across Malaysia and Asia
- Led numerous energy audits and efficiency improvement projects
- Expertise in: Chiller plants, pumping system, ventilation system & compressed air system
- UNIDO International Trainer & HRD Corp Accredited Trainer

ABOUT US

SANDHURST ADVISORY

Sandhurst Advisory is an energy advisory firm specialising in energy efficiency engineering, industrial utilities optimisation, and carbon reduction strategy.

Our Professional Development division also delivers specialised training for REM and facility professionals

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