

YES CAREER PATH DESIGN WEBINAR SERIES: ROUTE TO PROFESSIONAL ENGINEER

TOPIC

MACHINE LIFE EXPECTANCY - FROM CRADLE TO GRAVE. AN OVERVIEW OF MACHINERY LIFE CYCLE FROM DESIGN TO END OF LIFE SPECTRUM.

SYNOPSIS

As engineers, we are faced with the determination of the lifespan of the equipment. Whilst the higher management would want to prolong the use of equipment as long as possible to reduce capital expenditure, engineers are tasked to ensure equipment performs to its maximum potential and lasts as long as possible. The equipment lifecycle consists of four phases: planning, procurement/acquisition, operation/maintenance and disposal. Each equipment lifecycle phase is critical in supporting the longevity and performance of an asset. At each of these stages, there are inputs and outputs flow-throughs, value losses, and potential gains. How do you determine the end of its lifespan? Strategic asset management planning should start with understanding the life cycle of an asset. Equipment and machinery will not last forever, so it is important to have an understanding of where each asset resides within the cycle to avoid unplanned asset downtime.



ABOUT SPEAKER

Ir. Arul Hisham has a wide range of experience with over 20 years of practice. He is currently the Managing Partner of AHAR Consultants; an M&E consultancy firm. He is actively involved in many projects ranging from residential, industrial, education facilities and commercial buildings. He specializes in Thermal Storage System Design, Air Conditioning Systems and Energy Conservation. He was one of the pioneering trainers to provide training for the Certification of Energy Managers and also an IEM/BEM PE interviewer panellist. He was also involved in the academia as an industrial advisor for the Faculty of Engineering University-Industry Selangor (UniSel) and has been regularly giving lectures to students at UIAM, UPM and UiTM engineering faculties. He is also a Fellow of IEM and an IEM professional engineer's interviewer.



DATE: 9TH JULY 2022



TIME: 9.00 AM TO 11.00 AM



**VENUE: ZOOM MEETING
(VIRTUAL PLATFORM)**



SPEAKER: IR. ARUL HISHAM



**BEM APPROVED CPD: 2 HOURS
REF No: IEM22/HQ/132/T (w)**



REGISTRATION FEE

**IEM MEMBERS: RM 15.00
NON-MEMBERS: RM 70.00**

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