



CONSULTATION, RESEARCH AND DEVELOPMENT DEPARTMENT

TECHNICAL EXPERT PROFILE



- Name : MOHD NORHAFSAM BIN MAGHPOR
- Designation : Technical Expert III
- Email Address : mohd.norhafsam@niosh.com.my
- Research Interest :
 - Industrial Hygiene,
 - Chemical Safety,
 - Health Hazard.
- Education : Bachelor Science (Hons) Applied Chemistry
- Professional Experience : Industrial hygiene – chemist
- MMIC - Members of Chemistry Institute of Malaysia (M2847/5597/09)
 - MS ISO/IEC 17025:2017 Approved Signatory for Chemical Testing under Standards Malaysia
 - Member technical working group (TWG 55) STR for accreditation of industrial hygiene testing lab in Malaysia – Dept. of Standard Malaysia
 - Member of working group (WG) of workplace atmosphere and indoor air WG/Z/8-2 - SIRIM
 - United Nation Institute of Training & Research - International Labor Organization (UNITAR-ILO) Trainer for GHS system & Malaysian CLASS Regulations 2013

- Full Member of Malaysian Industrial Hygiene Association (MIHA)
- Research / Field Work Experience :
- Study on Exposure and Control of Health Hazards in Wood Based Furniture Industry (2016 - present)
 - Asbestos Containing Material in Old Higher Education Building (2013-2015)
 - Applicability of *trans, trans*-Muconic Acid As The Biomarker For Benzene Exposure Among Oil And Gas Tanker Driver (2010-2012)
 - Relationship Between Concentration Of Airborne Microbe And VOC With Duration Of Application Of The Air Purifier Devices (2010-2011)
- Publications :
- Effect of Palm Oil Fiber-TiO₂ Ratio in The Composite on The Reduction of BTX and Formaldehyde in The Air, *Malaysian Journal of Analytical Sciences*, Vol 20 No 2 (2016): 324 – 328
 - Kinetic and Isotherm Properties of Formaldehyde Adsorption on Oil Palm Fibre-TiO₂ Composite Powder, *Sains Malaysiana* 46(6)(2017): 953–965
 - Adsorption isotherm and kinetic study of gas-solid system of formaldehyde on oil palm mesocarp bio-char: Pyrolysis effect, *Journal of Environmental Chemical Engineering*