STANDARDS MALAYSIA
ACCREDITED LABORATORY

MS ISO/IEC 17025

Certificate of Accreditation

No: SAMM 441 Valid until: 21 October 2012

This is to certify that

HG SOLUTION SDN. BHD.
DUNGUN, TERENGGANU
MALAYSIA
(FIELD OF TESTING: CHEMICAL)

has been granted accreditation in respect of the scope of accreditation described in the SCHEDULE attached, subject to the terms and conditions governing the *Skim Akreditasi Makmal Malaysia* (SAMM), the Laboratory Accreditation Scheme of Malaysia.

Laboratories accredited under SAMM meet the requirements of MS ISO/IEC 17025 'General requirements for the competence of testing and calibration laboratories'. This Malaysian Standard is identical with ISO/IEC 17025 published by the International Organization for Standardization (ISO).

"This laboratory is accredited in accordance with recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communique dated 18 June 2005)"

STANDARDS MALAYSIA

(FADILAH BAHARIN)
Director-General
Department of Standards Malaysia
Date of issue: 21 October 2009

Issuance of this certificate is governed by Section 16 Subsection (2) and (3) of Standards of Malaysia Act 1996, (Act 549)

NO: SAMM 441

LABORATORY LOCATION:
(PERMANENT LABORATORY)

HG SOLUTION SDN. BHD.
NO. 3, LOT 6927, WISMA NDP
JALAN BESAR PAKA
23100 PAKA, DUNGUN
TERENGGANU
MALAYSIA

The standard used for assessment of this laboratory is MS ISO/IEC 17025:2005

FIELD OF TESTING: CHEMICAL

SCOPE OF ACCREDITATION:

Material/ Product tested	**Types of tests/ Properties measured/ Range of measurement**	**Standard test method/ Equipment/Technique**
Petroleum and petroleum products		
1. Liquid hydrocarbon (light & heavy)	Total mercury	UOP 938-00 (1)*
2. Gas	Total mercury	ASTM D5954-98 (2)**
3. Liquid and solid	Total mercury	In-house method IH-938-7473-09

UOP 938-00 (1)* - Total mercury and mercury species in liquid hydrocarbon
ASTM D5954-98 (2)** - Standard test method for mercury sampling and measurement in natural gas by atomic absorption spectroscopy

Signatory:

Rahmat Syuhaili bin Ab. Rashid **IKM no.: L/1339/4284/02**