



PETRONAS

HMA Connect #4

Official Newsletter of MPM HMA

Assalamualaikum w.b.r.t. & Good Day to all colleagues,

Welcome to Year 2020!

I pray all of us are in good health as the Covid-19 case is rising in Malaysia. Do ensure you practice good hygiene everyday.

To conclude year 2019, a lot of things had happened around us, be it success stories or lessons learnt. We would like to thank each and every one of you for your relentless contributions.

For year 2020, let's work together to further improve the performance and compliance to governance. Hopefully this *HMA Connect Newsletter* will be a good reference on measurement and allocation practices.

Thanks again & enjoy reading!

Salmizana



Salmizana
Measurement & Allocation



Azrul
Measurement



Kamarul
Allocation



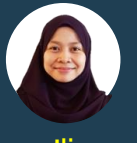
Shima
Measurement - PM



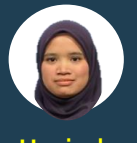
Dzuhaliah
Allocation - PM



Firdaus
Measurement - SK



Ili
Allocation - SK



Hanisah
Measurement - SB



Azhar
Allocation - SB

InfoSeries – PPGUA Section 4.7: Integrity Assurance

1. Record Keeping

PAC to ensure following records:

- **Fiscal measurement records** – Logbook, meter control chart, certificates (meter, calibration gas, dip tape), etc.
- **Hydrocarbon accounting and allocation documents** – meter tickets, sample analysis report, loading documents, etc. to be made available for reference and inspection.

2. Direct Reporting

PAC to notify MPM Metering within 24 hours on any abnormality or error occurring at the metering skid and/or control system that could lead to mismeasurement.

3. Deviation

If there is any deviation from PPGUA requirement, PAC to consult and get approval from MPM HMA.

4. Rights of Audit and Assessment

MPM may come to a specific facilities and/or allocation network to perform record audit and site assessment.

5. Settlement of Dispute

Any dispute related to measurement and allocation matters shall be resolved between affected PACs and reported to MPM.

6. Consequence management

MPM may exercise consequence management to PAC which fails to comply to the metering operational requirement, affecting other PAC within the same allocation network.

Note: To refer PPGUA Section 4.7 for further details

PAC Roles and Responsibilities

Development & Design Phase

- To submit and obtain MPM approval
- measurement & allocation concept prior MR4
- metering specification prior MR5

6 out of 10 metering specs approval in 2019 failed to get timely compliance!

Project Implementation Phase

- To notify and invite PETRONAS and NMIM-SIRIM for metering acceptance test (FAT, SAT, UAT) at least 3 weeks in advance.
- To submit metering official use request

5 out of 10 FAT/SAT activity in 2019 failed to comply!

Production & Operational Phase

- To submit change of measurement & allocation concept for approval
- To submit new or revised procedures including MAP, VM, MTAB for approval
- To submit validation report timely into IMMIS
- To comply to monthly allocation report (MTAB closeout) submission within 30 days
- To prepare and discuss any irregularities during monthly MICOM and get MPM approval prior MTAB closeout

Note: To refer PPGUA Section 4.2, 4.4 and 4.6 for further details

PAC Metering Validation Compliance

PM	SB	SK
ExxonMobil sapura energy OMV	SSPC	sapura energy OMV

CONGRATULATIONS



100%

compliance!

PAC Monthly Production Allocation Closing Compliance

PM	SB	SK
TGAST PM ExxonMobil	SOGT CRUDE	KMT BINTULU MCOT BCOT

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50%

Let's strive for a better performance in 2020!

0%

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HMEDIA – What is covered in MTAB Procedure?

Measurement, Testing, Allocation and Balancing (MTAB) Procedure defines the usage of measurement (quantity) and sampling (quality) data to determine allocated production quantities.

This procedure shall consist of the following, but is not limited to:

- Accounting and allocation overview;
- Production measurement system;
- Product sampling and analysis;
- Data requirements;
- Allocation algorithm and calculation;
- Inventory calculation method;
- Methods to account for irregularities in quantity; and
- Production allocation reporting.

When should you update the procedure?

It must be updated when there is

1. Change in network (e.g. new tie-in),
2. Allocation algorithm amendment (e.g. concept change),
3. Or periodically as per agreed by MTAB parties.

Who should be involved during the revision?

HAA, Metering and relevant personnel from:

1. MTAB Network PAC members
2. MTAB Custodian
3. MPM HMA

10 MTAB Procedures was revised in 2019!

Note: Details for each subsection of MTAB Procedure are described in PPGUA Volume 8, Appendix 8.



HMA Assurance Program for BCOT & MCOT



IRIS roll out to BCOT & MCOT



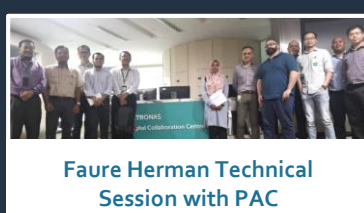
IRIS roll out to LCOT, NS & SS



Kikeh & SNP HyPAS Development



HyPAS Enhancement Workshop SB/SK



Faure Herman Technical Session with PAC

Coming to you!!

- IRIS for SBGAST, LGAST, Bintulu & DGDM MTAB.
- HMA Assurance Program for SBGAST.
- Joint Record Inspection at GPK and GPS, PGB.

We have moved to a new office at Tower 1 Level 22 (Bustle Area).

Come and visit us!!!



Key Highlights