

XPRESS Medical Review

Guiding Principle for Contractors

Version 3

The PETRONAS Group adopts zero tolerance against all forms of bribery and corruption. We abide by the PETRONAS Code of Conduct and Business Ethics (CoBE) & Anti-Bribery and Corruption (ABC) Manual, guided by our Shared Values and Statement of Purpose.

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FTW Requirements Prior Entering Pengerang Integrated Complex (PIC)

- To ensure that as reasonably practicable, the worker is physically and mentally fit to carry out his/her designated duties at the designated workplace.
- Applicable for all PRPC Group's Contractor workers.
- Health assessment shall be done within 6 months prior to commencement of work
- To be repeated at least every 2 years OR as advised by DOSH registered Occupational Health Doctor (OHD).
- Categories:
 - CSE
 - Working at height (WAH)
 - Crane & forklift driver
 - Driver
 - Food handler
 - Contractor plant & field based
 - Contractor non-plant & non-field based



Regulatory and PETRONAS Requirements Related to Health Surveillance

1 Industry Code Of Practice For Safe Working In A Confined Space 2010

For Confined Space Entry (CSE)

2 Occupational Safety & Health (Noise Exposure) Regulation, 2019

For audiometric testing

3 PTS 18.13.01 Health Assessment for Fitness to Work (FTW)

For job specific health assessment

Important Note:

Incompliance to these requirements may exposed the Company at **risk of legal action or high findings / non-conformance (NCR)** issuance during internal or external audit.



FTW Health Assessment & Test Matrix

ASSESSMENT & TEST	Working at Height	Confine Space	Crane & Forklift	Driver	Food Handler	Contractor Plant & Field	Contractor Non-Plant & Non-Field
APPLICABILITY	E&C	E&C	E&C	E&C	E&C	С	С
FREQUENCY	Biennial	Biennial	Biennial	Biennial	Biennial	Biennial	Biennial
Q & E	✓	✓	~	✓	~	✓	✓
Eye Assessment	~	~	~	✓	~	~	✓
Blood Group	-	-	-	-	-	-	-
FBS	~	~	~	✓	-	~	-
HbA1c (known DM)	-	-	-	-	-	✓	-
FBC	~	~	~	~	-	✓	✓
Serum Electrolytes	-	-	-	-	-	-	-
Urea + Creatinine	-	-	-	-	-	-	-
Urine FEME	~	~	~	-	-	~	✓
Liver Function Test	-	-	-	-	-	-	-
Chest X-Ray	##	##	##	##	-	##	-
Spirometry	~	~	-	-	-	-	-
Audiometry	~	~	~	✓	-	-	-
ECG (≥40 yrs)	~	~	~	✓	-	✓	✓
Urine Drug	✓	✓	~	✓	-	✓	-
CV-RA (≥40 yrs)	~	✓	~	~	-	~	-
ESS assessment	-	-	~	✓	-	-	-
Dental Assessment	-	-	-	-	-	-	-

Abbreviation: E = Employee C = Contractor Worker Q & E = Questionnaire & Examination CV-RA = Cardiovascular Risk Assessment ESS = Epworth Sleepiness Scale Biennial = Once every two years

^{• (##)} Chest-Xray to be done if clinically indicated.



^{• (-)} Not recommended / Not applicable. Nevertheless, assessment or test may be done if clinical indication arise.

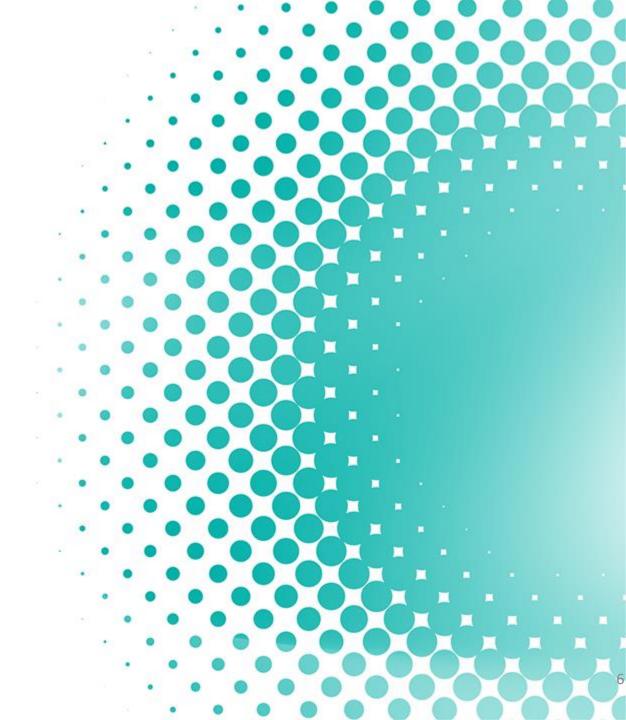
^{• (#)} Blood Group to be done if unknown.

Summary of Medical Checkup Tests

Basic medical checkup	 Question & Examination Eye assessment Fasting Blood Sugar (FBS) HbA1c (for known Diabetes Mellitus) Full Blood Count (FBC) Urine Full & Microscopic Examination (FEME) Urine drug test
Additional test required for 40 years and above	 Electrocardiogram (ECG) Cardiovascular Risk Assessment (CV-RA)
Additional test required for job specific medical checkup	 Epworth Sleepiness Scale (ESS) Assessment (Required for driver / crane operator / forklift driver) Audiometry (Required for confined space / driver / crane operator/forklift driver/working at height) Spirometry (Required for confined space / working at height)

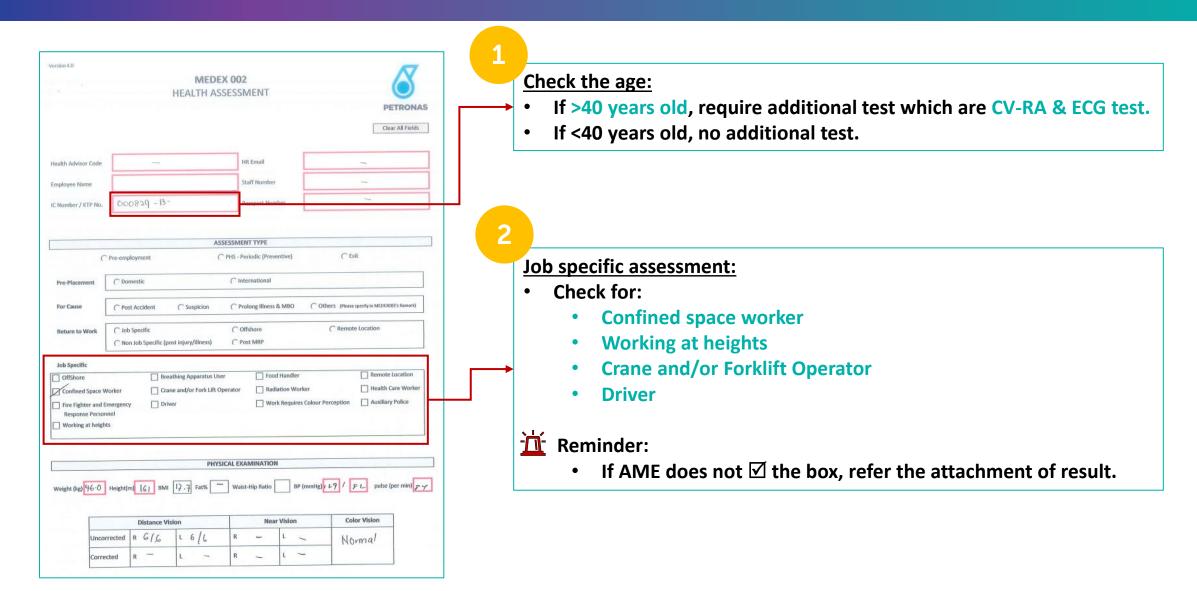


How To Review Medical Report Prior submission in EXPRESS?



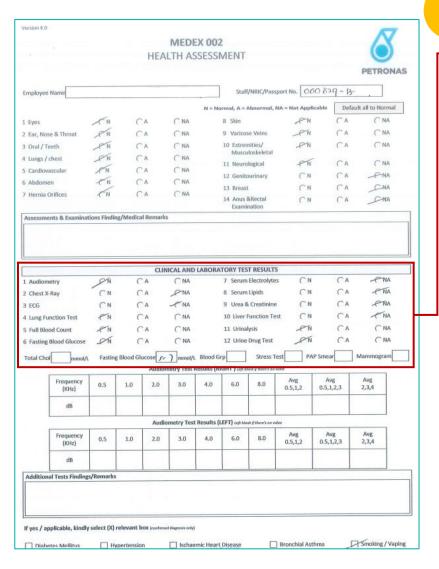


How to Review Medical Report? (1/8)





How to Review Medical Report? (2/8)



3

Clinical & Laboratory Test Results

Ensure all tests and results are aligned with the Job Specific Assessment Matrix

ASSESSMENT & TEST	Working at Height	Confine Space	Crane & Forklift	Driver	Food Handler	Contractor Plant & Field	Contractor Non-Plant & Non-Field
APPLICABILITY	E&C	E&C	E&C	E&C	E&C	С	С
FREQUENCY	Biennial	Biennial	Biennial	Biennial	Biennial	Biennial	Biennial
Q&E	✓	✓	~	✓	✓	✓	✓
Eye Assessment	~	✓	~	~	~	✓	✓
Blood Group	-	-	-	-	-	-	-
FBS	✓	✓	~	~	-	✓	-
HbA1c (known DM)	-	-	-	-	-	✓	-
FBC	√	✓	~	~	-	✓	✓
Serum Electrolytes	-	-	-	-	-	-	-
Urea + Creatinine	-	-	-	-	-	-	-
Urine FEME	✓	~	~	-	-	✓	✓
Liver Function Test	-	-	-	-	-	-	-
Chest X-Ray	##	##	##	##	-	##	-
Spirometry	✓	✓	-	-	-	-	-
Audiometry	✓	~	~	✓	-	-	-
ECG (≥40 yrs)	✓	✓	~	~	-	✓	✓
Urine Drug	✓	✓	~	✓	-	✓	-
CV-RA (≥40 yrs)	~	✓	✓	✓	-	✓	-
ESS assessment	-	-	✓	✓	-	-	-
Dental Assessment	-	-	-	-	-	-	-

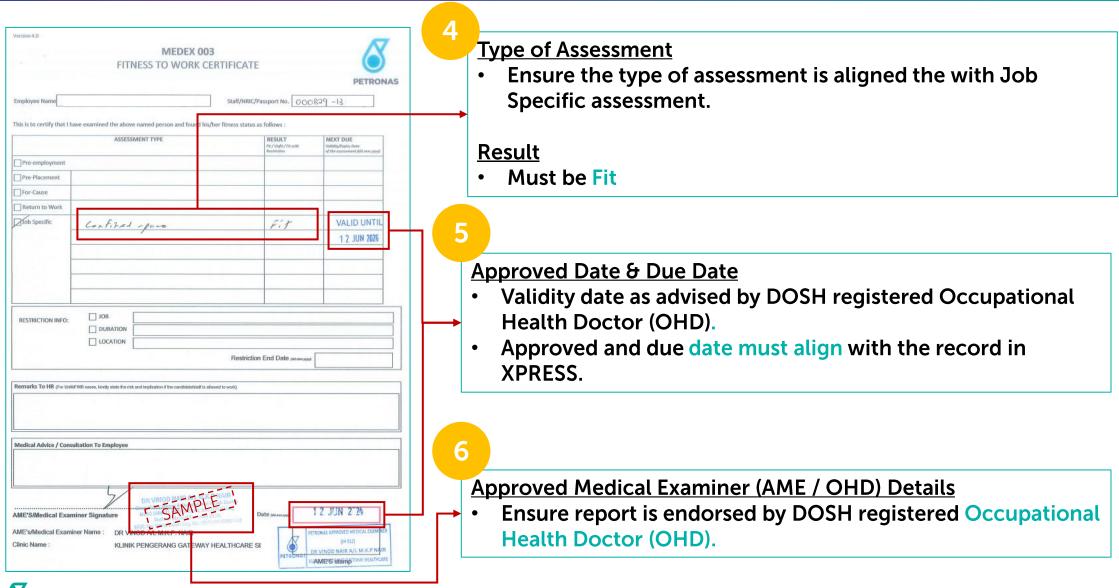
Abbreviation: E = Employee C = Contractor Worker Q & E = Questionnaire & Examination CV-RA = Cardiovascular Risk Assessment ESS = Epworth Sleepiness Scale Biennial = Once every two years

- (-) Not recommended / Not applicable. Nevertheless, assessment or test may be done if clinical indication arise.
- (#) Blood Group to be done if unknown.
- (##) Chest-Xray to be done if clinically indicated.



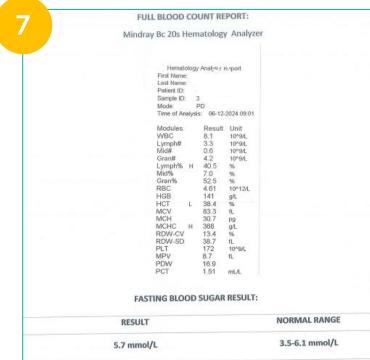


How to Review Medical Report? (3/8)

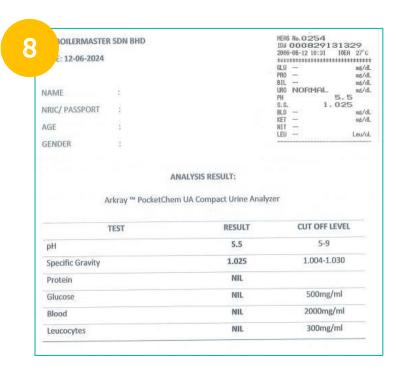


How to Review Medical Report? (5/8)

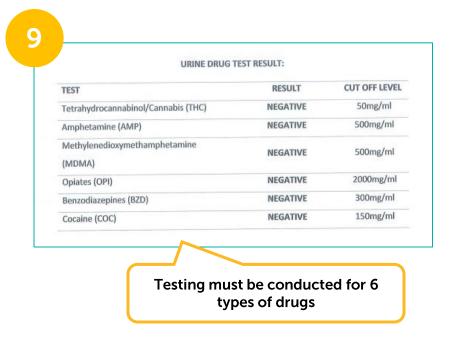
Basic Test for Contractor Plant & Field



Example of Full Blood Count (FBC) and Full Blood Sugar (FBS) report



Example of Urine FEME report

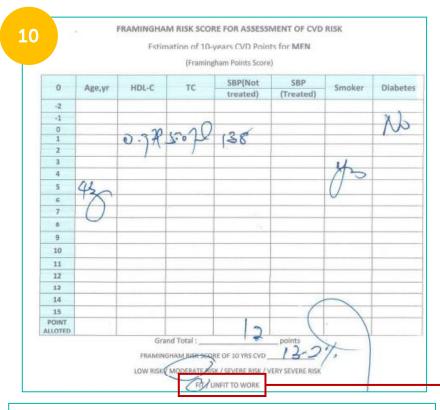






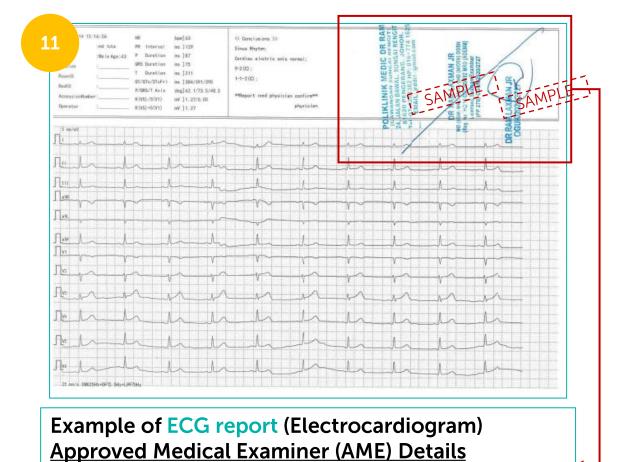
How to Review Medical Report? (6/8)

Additional Test for >40 years old



Example of CV-RA report (Cardiovascular Risk Assessment) Result

Must be Fit



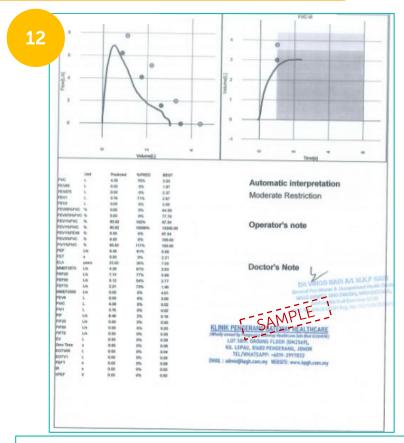


 Ensure report is endorsed by DOSH registered Occupational Health Doctor (OHD).



How to Review Medical Report? (7/8)

Additional Test for WAH & CSE



Example of Spirometry report Result

Must be Normal



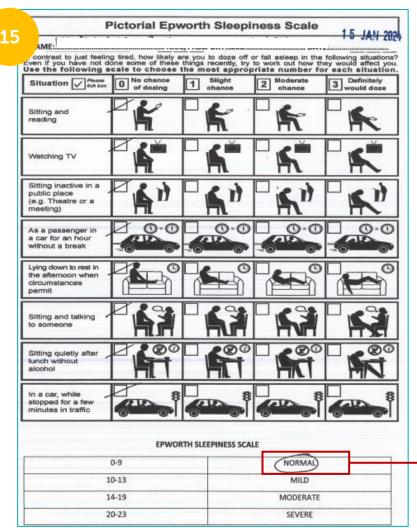


Example of Audiometry report Result

Must be Normal

How to Review Medical Report? (8/8)

Additional Test for Driver/Crane Operator / Forklift Driver



Example of Epworth Sleeping Scale (ESS) report Result

Must be Normal



EXPRESS Medical Review Do's & Don'ts

Common mistakes done by Contractors





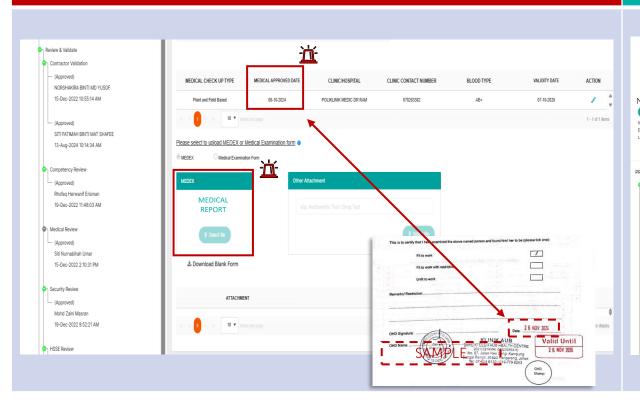
Checklist Prior Medical Report Submission (1/9)

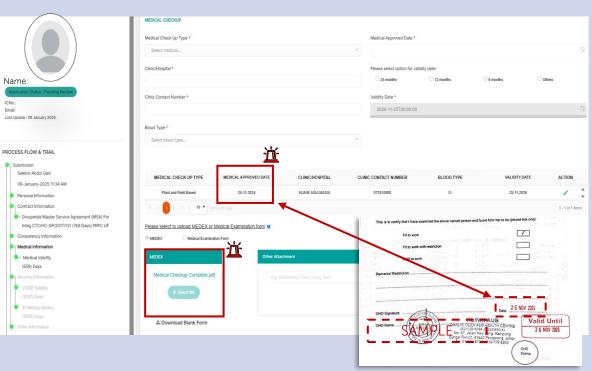




Neglect to verify and align the Medical Approved Date

Medical Approved Date is updated as per medical report.







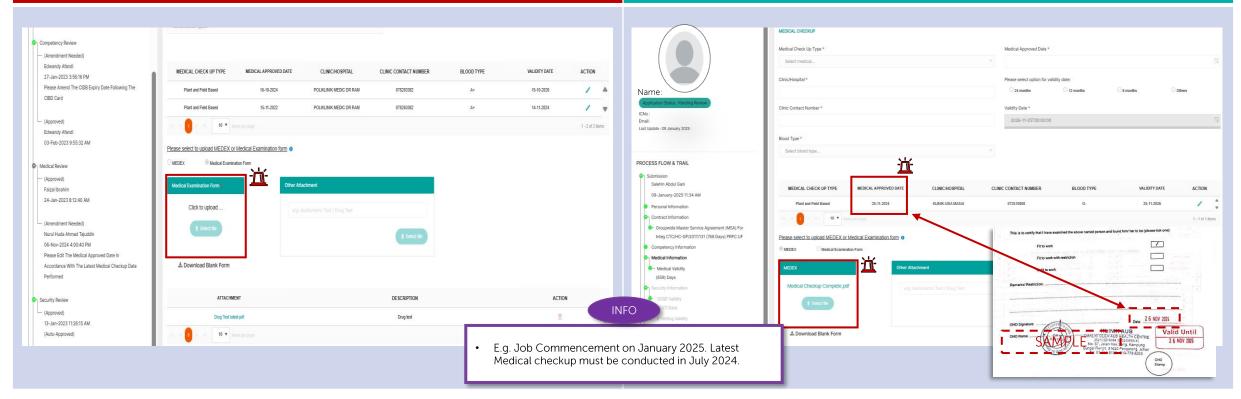
Checklist Prior Medical Report Submission (2/9)





Upload incorrect, incomplete, outdated, or expired medical reports, or health assessments conducted beyond the six-month validity period.

Ensure the medical report is correct, completed, updated, and still valid. The health assessment must be conducted within 6 months prior to job commencement.





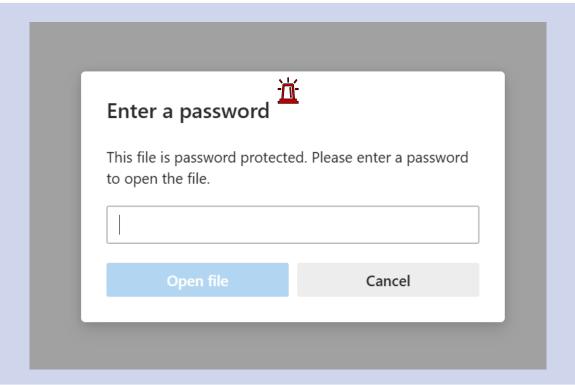
Checklist Prior Medical Report Submission (3/9)

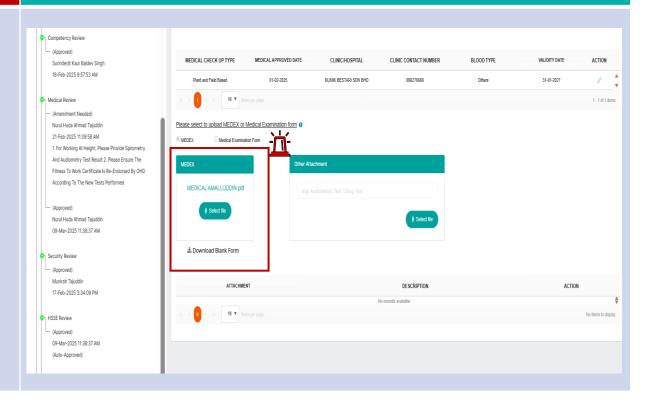




Submit inaccessible medical report.

Check file accessibility prior submission of medical report.







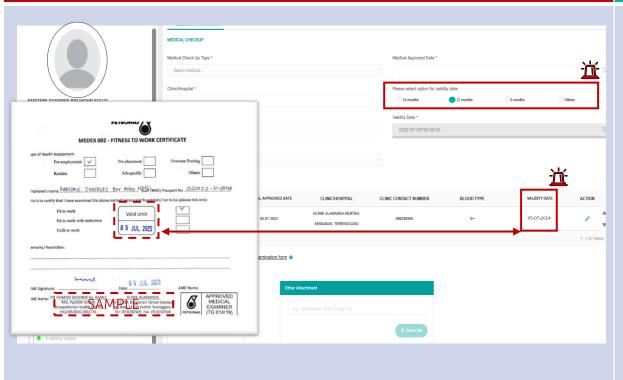
Checklist Prior Medical Report Submission (4/9)

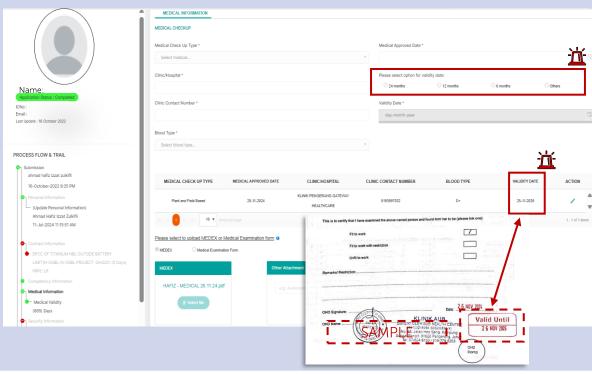




Assume the due date without verifying the approved date or OHD's endorsement.

Select the correct due date which is 2 years from the approved date or as indicated by Occupational Health Doctor (OHD) i.e. 6 months/1 year.







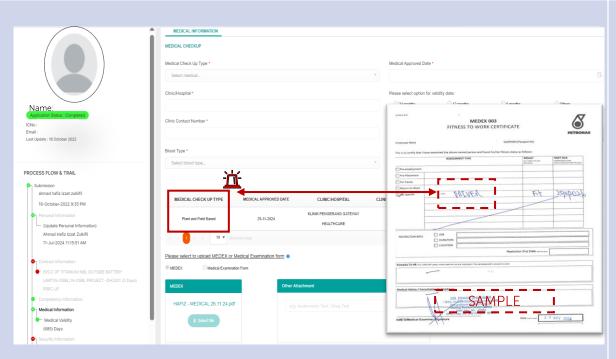
Checklist Prior Medical Report Submission (5/9)

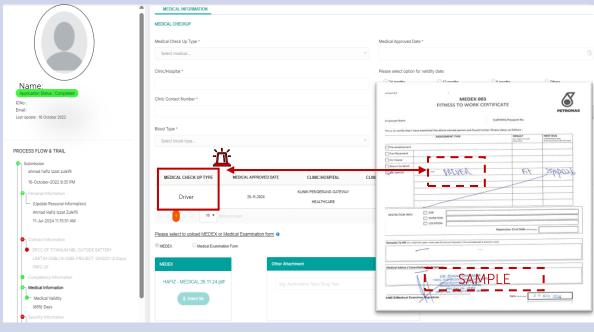




Choose a Medical Type without ensuring it aligns with the job requirements and scope of work.

Select the correct Medical Type based on the medical report i.e. Plant and Field Based/ Confined Space/ Driver/ Crane & Forklift Operator.







Checklist Prior Medical Report Submission (6/9)





Accept a medical report without the signature of the OHD or PETRONAS Approved Medical Examiner (AME).

Medical report is signed by OHD / PETRONAS Approved Medical Examiner (AME).

	FITM	MEDEX 0 NESS TO WORK			PETRONAS
Employee Name			Staff/NRIC/Pa		
This is to certify that		e named person and found	his/her fitness status a	S follows : RESULT Fit / Unfit / Fit with Restriction	NEXT DUE Makikly/Exploy Date of the ansessment (dd mm.,yyyy)
Pre-employment	,				
Pre-Placement	Type: Domestic			Fit	N/A
For-Cause					
Return to Work					
☑ Job Specific	Type 1.Confined Space	e Worker		Fit	05.01.2027
	Type 2.Breathing Appa	aratus User		Fit	05.01.2027
RESTRICTION INFO	☐ DURATION ☐ LOCATION	and implication if the cardidateshad		End Date (Mana 2009)	
Medical Advice / Co	nsultation To Employee	PA N 55000 (1880) (1)			
AME's/Medical Exa Clinic Name :	miner Name : DR SU KLINIK	RAYA BINTI SHAFIE (IBRA	6	OR-S	1025 THOYED MEDICAL EA





Checklist Prior Medical Report Submission (7/9)

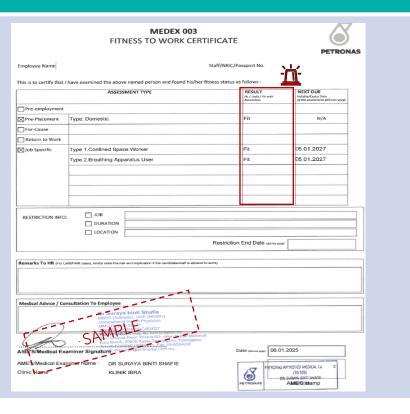




Proceed with a medical report where the Fit/Unfit status is missing or unclear.

OHD/ AME has selected Fit/ Unfit status in medical report.







Checklist Prior Medical Report Submission (8/9)





Use the Fitness to Work Certificate without OHD / AME reendorsement when additional test reports have been added. Please ensure Fitness to Work Certificate is re-endorsed by OHD / AME based on latest test date if any additional test report is added to the existing medical report.

	MEDEX 003 FITNESS TO WORK CERTIFICATION	:	PETRON				MEDEX 003 FITNESS TO WORK CERTIFICA	TE	PETRONAS
Employee Name	Staff/NRIC/	Passport No.	PETRON	AS		Employee Name	Staff/Ni	RIC/Passport No.	PETRONAS
This is to certify that	I have examined the above named person and found his/her fitness status	as follows :				This is to certify that I	have examined the above named person and found his/her fitness sta	tus as follows :	
	ASSESSMENT TYPE	RESULT Fit / Unglit / Fit with First riction	NEXT DUE Volkshy/Explry Date of the assessment (dd mm.yyyy)				ASSESSMENT TYPE	RESULT Fit / Unfit / Fit with Prestriction	NEXT DUE Voxishiy/Explry Date of the assessment (did/mon.yyyyd)
Pre-employment						Pre-employment			
Pre-Placement	Type: Domestic	Fit	N/A			☑ Pre-Placement	Type: Domestic	FIT	N/A
For-Cause						For-Cause			
Return to Work				INFO		Return to Work			
☑ Job Specific	Type 1.Confined Space Worker	Fit	05.01.2027	INFO		☑ Job Specific	Type 1.Confined Space Worker	FIT	05.01.2027
<u> </u>	Type 2.Breathing Apparatus User	Fit	05.01.2027		a consultantia alaa	<u> </u>	Type 2.Breathing Apparatus User	FIT	05.01.2027
	Driver ?			 Example: When 			Type 3; Driver	FIT	06.01.2027
	DURATION LOCATION	n End Date (Montane)		a Driver, they no Epworth Sleepir assessment and If these addition were conducted FTW certificate endorsed based date.	less Scale (ESS) Audiometry test. al assessments I on 07.01.2025, shall be re-		JOB DURATION LOCATION Restr	iction End Date aures 2009	
AMES/Medical Ex	If Surraya bind Shaffe Motific (James of Surraya Bind) Description of the Projection Description of the Projection Description of the Projection Description of the Projection of the Description Description of the Description Description	(6) □ 08.99	1225 100YED MEDICAL EA			AME S/Medical Ext		PETRONAS A	2006 - 07.01.2025 PRIOVED MEDICAL EX. 28 [10.003] PRIOVED MEDICAL EX. 28 [10.003] PRIOVED MEDICAL EX. 28 [10.003]



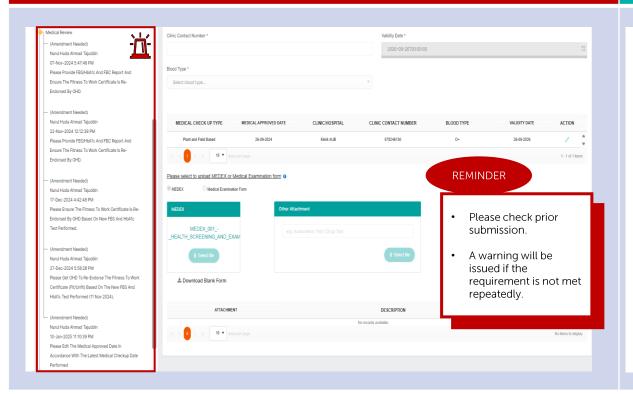
Checklist Prior Medical Report Submission (9/9)

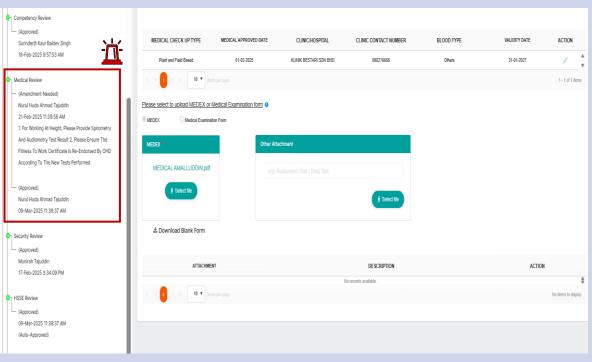




Ignore the medical reviewer's comments or submit the application without making the necessary amendments.

If the application is reverted, please amend accordingly as per medical reviewer's comment.







Summary of how to review medical report prior to submission in XPRESS

No	ltems	Yes	No
1	Check the age. If more than 40 years old, requires CVRA and ECG test		
2	Check type of Job Specific Assessment (Plant and Field Based/ Confined Space / Driver / Crane & Forklift Operator)		
3	Check completion of clinical and lab test result. Must aligned with the Job Specific Assessment Matrix		
4	At the Fitness to Work Certificate, ensure type of assessment is aligned with the Job specific assessment . The results must be ' FIT' .		
5	Check the validity of medical report as advised by DOSH registered Occupational Health Doctor (OHD) / PETRONAS Approved Medical Examiner (AME). (2 years (default) / 1 year / 6 months / 3 months / etc.)		
6	Ensure the Fitness to Work Certificate is signed and endorsed by by OHD / AME.		
7	Ensure Fitness to Work Certificate is re-endorsed by OHD / AME based on latest test date if any additional test report is added to the existing medical report.		
8	Check all the required test reports as per Job Specific Assessment Matrix are attached. Full Blood Count (FBC), Full Blood Sugar (FBS) report, Urine FEME report, Urine drug report, CV-RA report, ECG report, Spirometry report, Audiometry report, Epworth Sleeping Scale (ESS) report		



Checklist for medical report submission in XPRESS

No.	Items	Yes	No
1	Ensure the correct, completed and valid Medical report is uploaded . Health assessment shall be done within 6 months in prior to job commencement.		
2	Medical Approved Date is updated and aligned with medical report that has been attached.		
3	Check file accessibility prior submission of medical report.		
4	Select the correct due date which is 2 years or as indicated by Occupational Health Doctor (OHD) i.e 6 months / 1 year.		
5	Select the correct Medical Type i.e. Plant and Field Based/ Confined Space / Driver / Crane & Forklift Operator.		
6	Correct and complete medical report is uploaded.		
7	Ensure medical report is signed and endorsed by OHD / PETRONAS Approved Medical Examiner (AME).		
8	OHD/AME has selected FIT/UNFIT status in Fitness to Work Certificate.		
9	Please ensure Fitness to Work Certificate is re-endorsed by OHD / AME based on latest test date if any additional test report is added to the existing medical report.		
10	If the application is reverted, please revise accordingly as per medical reviewer's comment		



For any further inquiries, please reach out to the following contacts:

1 Medical Review Requirements

- PRPC Contract Owner / Job Owner
- PRPC Occupational Health Executive <u>nurulhuda.ahmadtaju@petronas.com.my</u>

2 XPRESS OPU Admin

- PRPC UF / Others : haireenisa.b@petronas.com.my
- CFS: <u>maslina.misnin@petronas.com.my</u>

3 XPRESS System Issues

ICT Service Desk - <u>ict.servicedesk@petronas.com.my</u>
 (Ticket to be logged by Contract Owner / Job Owner)



