

ZeTo Rules^{LS}

#MissionZEROPossible



● Save lives with ZeTo Rules.
Achieve Mission:ZERO-Possible.

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The term “ZeTo” stands for Zero Tolerance, a principle to ensure all activities are carried out in a safe manner and any non-compliance is not tolerated.

Our ZeTo Rules were introduced in 2011 to ensure all high-risk activities are carried out safely. Simply said, ZeTo Rules are our life-saving rules and therefore are essential for us to achieve **Mission: ZERO-Possible**. The encircled “LS” next to the ZeTo Rules nameplate serves as reminder of their life-saving objective.

As we celebrate PETRONAS' 50th anniversary, let's take a moment to refresh our knowledge on ZeTo Rules with our old friends Tuah and ZeTo!



- Save lives with ZeTo Rules.
Achieve **Mission:ZERO-Possible**.



Hi! I'm ZeTo! These are our ZeTo Rules. Introduced in 2011, they ensure all high-risk activities are carried out safely.



Hi! I'm Tuah! ZeTo Rules are life-saving and essential to help us achieve **Mission: ZERO-Possible**.



Work Authorisation

Work with a valid work permit (PTW) required by the job

Bekerja menggunakan permit kerja (PTW) sah yang diperlukan



Energy Isolation

Verify energy isolation before starting work

Sahkan pengasingan tenaga sebelum memulakan kerja



Bypassing Safety Controls

Obtain authorisation before overriding or disabling safety critical equipment

Dapatkan kebenaran sebelum memintas atau menghentikan peralatan keselamatan kritikal



Confined Space

Obtain authorisation before entering a confined space

Dapatkan kebenaran sebelum memasuki ruang terkurung



Working at Height

Protect yourself against a fall when working at height

Lindungi diri daripada terjatuh ketika bekerja di tempat tinggi



Personal Protective Equipment

Use the correct personal protective equipment (PPE) when handling hazardous chemicals

Gunakan peralatan perlindungan diri (PPE) yang betul ketika mengendalikan bahan kimia merbahaya



Excavation

Obtain authorisation before excavation or entering a trench

Dapatkan kebenaran sebelum melakukan kerja penggalian atau memasuki parit



Lifting

Do not position yourself under a suspended load

Jangan berada di bawah muatan tergantung



Ignition Sources

Do not smoke outside designated areas or bring potential ignition sources into process areas without authorisation

Jangan merokok di luar kawasan yang dibenarkan atau membawa masuk sebarang sumber penyalaan (ignition source) ke dalam kawasan pemprosesan tanpa kebenaran



Road Safety

Do not use your mobile phone/walkie-talkie while driving, follow the speed limit and use your seat belt

Jangan gunakan telefon bimbit/walkie-talkie ketika memandu, patuhi had laju dan pakai tali pinggang keledar

**Save lives with ZeTo Rules.
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Hi! I'm ZeTo! As we celebrate PETRONAS' 50th anniversary, my friend Tuah and I want to help refresh your knowledge on our ZeTo Rules!

That's right! ZeTo Rules are life-saving and essential to help us achieve **Mission: ZERO-Possible**. Here's how I comply with each of them...



ZeTo Rule 1 Work Authorisation

When I work with a valid Permit To Work (PTW) required by the job...

- ✓ I confirm a permit is required
- ✓ I confirm that I am authorised to perform the job
- ✓ I understand the permit
- ✓ I confirm that hazards are controlled and it is safe to start the job
- ✓ I stop and reassess if conditions have changed

ZeTo Rule 4 Confined Space

When I obtain authorisation before entering a confined space...

- ✓ I confirm energy sources are isolated
- ✓ I confirm the atmosphere has been tested and is monitored
- ✓ I check and use my breathing apparatus when required
- ✓ I confirm there is a Standby Person nearby standing by
- ✓ I confirm a rescue plan is in place
- ✓ I obtain authorisation to enter

ZeTo Rule 8 Lifting

When I control the lifting area...

- ✓ I establish and obey barriers and exclusion zones
- ✓ I never walk under a suspended load
- ✓ I keep myself and others out of the line of fire

ZeTo Rule 2 Energy Isolation

When I verify energy isolation before starting work...

- ✓ I have identified all energy sources
- ✓ I confirm that hazardous energy sources have been isolated, locked, and tagged
- ✓ I have checked there is zero-energy and tested for residual or stored energy

ZeTo Rule 5 Working at Height

When I protect myself against a fall while working at height...

- ✓ I inspect my fall protection equipment before use
- ✓ I secure tools and work materials to prevent dropped objects
- ✓ I tie off 100% to approved anchor points while outside a protected area

ZeTo Rule 9 Ignition Sources

When I control flammable and ignition sources...

- ✓ I do not smoke outside designated areas
- ✓ I do not bring potential ignition sources into process areas without authorisation
- ✓ I identify and control ignition sources

ZeTo Rule 3 Bypassing Safety Controls

When I obtain authorisation before overriding or disabling safety controls...

- ✓ I understand and use safety critical equipment and procedures which apply to my task
- ✓ I obtain authorisation before:
 - Disabling or overriding safety equipment
 - Deviating from procedures
 - Crossing a barrier

ZeTo Rule 6 Personal Protective Equipment

When I use the correct personal protective equipment (PPE) when handling hazardous chemicals...

- ✓ I have been trained and am competent to handle chemicals
- ✓ I have read and understood the related Safety Data Sheet (SDS)
- ✓ I wear the correct PPE and know how to respond to emergency

ZeTo Rule 10 Road Safety

When I follow safe driving rules...

- ✓ I do not use mobile phone, walkie talkie or operate devices while driving
- ✓ I follow the speed limit
- ✓ I always wear a seatbelt

ZeTo Rule 7 Excavation


When I obtain authorisation before excavation or entering a trench...

- ✓ I verify there is a valid excavation certificate and PTW specific to the job
- ✓ I ensure control measures for the safe work of the trench (i.e. shoring, benching) has been implemented
- ✓ I understand the ingress, egress, and emergency escape from the trench

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Introduced in 2011, ZeTo Rules are our life-saving rules, essential to help us achieve *Mission: ZERO-Possible*.

As we celebrate PETRONAS' 50th anniversary, let's take a moment to refresh our knowledge on ZeTo Rules with our old friends Tuah and ZeTo!



Hi! Tuah! Haven't seen you in ages! How have you been?

Hi! ZeTo! I'm doing great! I've been complying with ZeTo Rules each and every day to save lives and help achieve *Mission: ZERO-Possible*. Here's how I do it...



ZETO RULE 1



Work with a valid work permit (PTW) required by the job

Bekerja menggunakan permit kerja (PTW) sah yang diperlukan

This ZeTo Rule is about **Work Authorisation...**



When I work with a valid **Permit to Work (PTW)** required by the job...



ZETO RULE 1
Work Authorisation

✓	I confirm a permit is required
✓	I confirm that I am authorised to perform the job
✓	I understand the permit
✓	I confirm that hazards are controlled and it is safe to start the job
✓	I stop and reassess if conditions have changed

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ZETO RULE 2



Verify energy isolation before starting work

Sahkan pengasingan tenaga sebelum memulakan kerja

This ZeTo Rule is about **Energy Isolation...**



When I verify energy isolation before starting work...



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ZETO RULE 2
Energy Isolation

✓	I have identified all energy sources
✓	I confirm that hazardous energy sources have been isolated, locked, and tagged
✓	I have checked there is zero-energy and tested for residual or stored energy

ZETO RULE 3



Obtain authorisation before overriding or disabling safety critical equipment

Dapatkan kebenaran sebelum memintas atau menghentikan peralatan keselamatan kritikal

This ZeTo Rule is about **Bypassing Safety Controls...**



When I obtain authorisation before overriding or disabling safety controls...



ZETO RULE 3

Bypassing Safety Controls



I understand and use safety critical equipment and procedures which apply to my task



I obtain authorisation before:

- Disabling or overriding safety equipment
- Deviating from procedures
- Crossing a barrier

ZETO RULE 4



Obtain authorisation before entering a confined space

Dapatkan kebenaran sebelum memasuki ruang terkurung

This ZeTo Rule is about **Confined Space...**



When I obtain authorisation before entering a confined space...



ZETO RULE 4

Confined Space

- | | |
|---|---|
| ✓ | I confirm energy sources are isolated |
| ✓ | I confirm the atmosphere has been tested and is monitored |
| ✓ | I check and use my breathing apparatus when required |
| ✓ | I confirm there is a Standby Person nearby |
| ✓ | I confirm a rescue plan is in place |
| ✓ | I obtain authorisation to enter |

ZETO RULE 5



Protect yourself against a fall when working at height

Lindungi diri daripada terjatuh ketika bekerja di tempat tinggi

This ZeTo Rule is about **Working at Height...**



When I protect myself against a fall while working at height...



ZETO RULE 5

Working at Height



I inspect my fall protection equipment before use



I secure tools and work materials to prevent dropped objects



I tie off 100% to approved anchor points while outside a protected area

ZETO RULE 6



Use the correct personal protective equipment (PPE) when handling hazardous chemicals

Gunakan peralatan perlindungan diri (PPE) yang betul ketika mengendalikan bahan kimia merbahaya

This ZeTo Rule is about **Personal Protective Equipment...**



When I use the correct **Personal Protective Equipment (PPE)** when handling hazardous chemicals...



ZETO RULE 6

Personal Protective Equipment

✓	I have been trained and am competent to handle chemicals
✓	I have read and understood the related Safety Data Sheet (SDS)
✓	I wear the correct PPE and know how to respond to emergency

ZETO RULE 7

This ZeTo Rule is about
Excavation...

Obtain authorisation before excavation or entering a trench

Dapatkan kebenaran sebelum melakukan kerja penggalian atau memasuki parit



When I obtain authorization before excavation or entering a trench...



ZETO RULE 7

Excavation

✓	I verify there is a valid excavation certificate and PTW specific to the job
✓	I ensure control measures for the safe work of the trench (i.e. shoring, benching) has been implemented
✓	I understand the ingress, egress, and emergency escape from the trench

ZETO RULE 8



Do not position yourself under a suspended load

Jangan berada di bawah muatan tergantung

This ZeTo Rule is about **Lifting...**



When I control the lifting area...



ZETO RULE 8

Lifting



I establish and obey barriers and exclusion zones



I never walk under a suspended load



I keep myself and others out of the line of fire

ZETO RULE 9

This ZeTo Rule is about **Ignition Sources...**



Do not smoke outside designated areas or bring potential ignition sources into process areas without authorisation

Jangan merokok di luar kawasan yang dibenarkan atau membawa masuk sebarang sumber penyalaan (ignition source) ke dalam kawasan pemrosesan tanpa kebenaran



When I control flammable and ignition sources...



ZETO RULE 9
Ignition Sources

✓	I do not smoke outside designated areas
✓	I do not bring potential ignition sources into process areas without authorisation
✓	I identify and control ignition sources

ZETO RULE 10



Do not use your mobile phone/walkie-talkie while driving, follow the speed limit and use your seat belt

Jangan gunakan telefon bimbit/walkie-talkie ketika memandu, patuhi had laju dan pakai tali pinggang keledar

This ZeTo Rule is about **Road Safety...**



When I follow safe driving rules...



ZETO RULE 10

Road Safety



I do not use mobile phone, walkie talkie or operate devices while driving



I follow the speed limit



I always wear a seatbelt