

Safety green light

Webinar - 9th July 2024

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(DG/STS/HSE/OSH/SPT)



Webinar – How does it work?



- Duration: 60 minutes – 40 minutes of presentation and 20 minutes for discussion
- Objective of this webinar: Present the revised Safety green light
- Feel free to:
 - Use the chat box to ask or answer to a question asked by the presenter
 - Write some comments
 - Add some reaction
- You cannot:
 - Use your microphone or your webcam

Safety moment



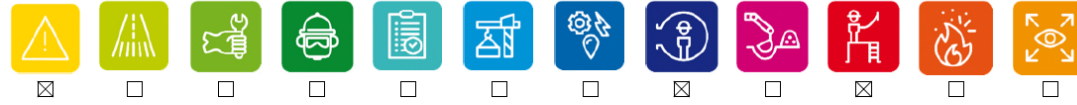
HSE Alert



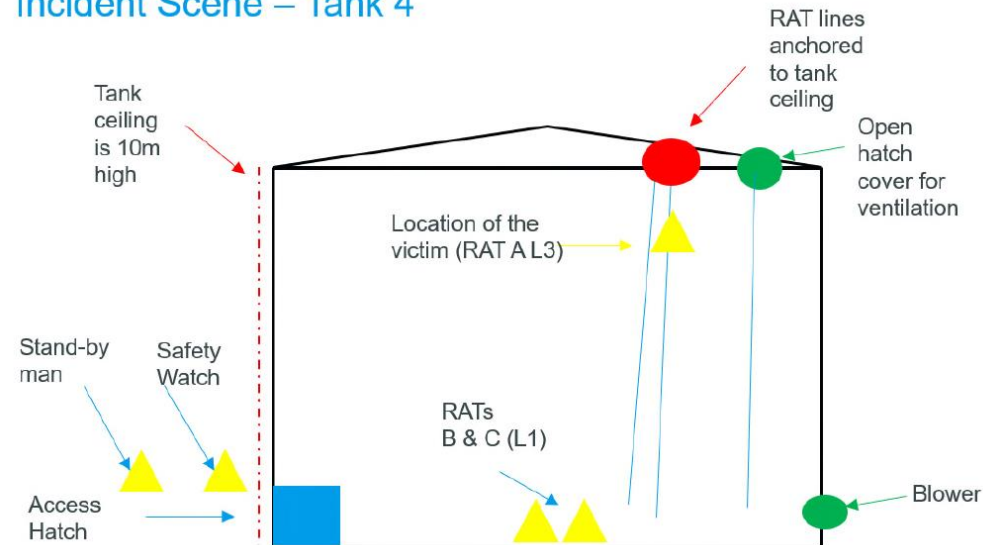
We are deeply saddened to announce the death of a rope access technician employed by a contracted company on July 2, during inspection operations of a tank at OML58 onshore facility, Nigeria. Our thoughts are with the victim, his family, and his colleagues.



Title: Fatal Incident During Rope Access Work
Reference: ALERT- EP-TEPNG-WAH-2024-032
Business: Exploration – Production
Country: Nigeria
Date: 02/07/2024
Site: OML58 Ogbogu Flow Station
Domains : Workplace safety Technological risk Transport Health Environment Security Societal
Causes key words: Rope Access / Rescue Plan / Suspension
Consequences key words: Fatality



Incident Scene – Tank 4



Investigation in progress

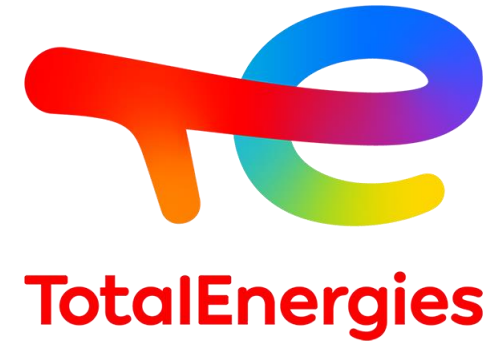
Pending analysis of the accident, key reminders:

Working time

Qualification

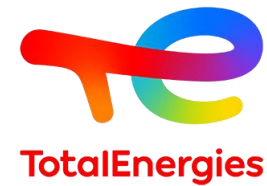
Technical requirements

Rescue plan (inc. self-recovery and/or self-preservation)



content

1. Context
2. Safety green light in brief
3. Guidance on Safety green light
4. Illustration of Safety green light in 1'30''
5. Modification of CR-GR-HSE-402 (Permit to work process)
6. Deployment of adapted materials
7. Any question?

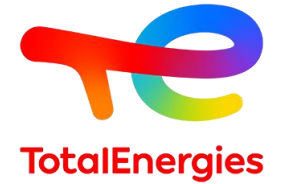


01.

Context



Our lives first: 3 rituals to prevent fatal accidents



Our lives first!

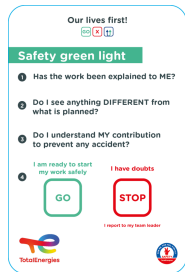


Focus of this webinar

Safety green light



Brief moment to ensure that all conditions are met to start the work safely



SYSTEMATIC, just before starting and restarting the work

Life saving checks



Field checks to our ensure compliance with our rules



AS OFTEN AS POSSIBLE, during execution of the work

Joint safety tours



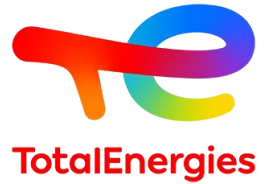
Joint site visits, TotalEnergies & contractors' management, to see the reality of how safety measures are implemented



AS OFTEN AS POSSIBLE



Safety green light



• Summer 2022

95% adoption of **Safety green light** declared by LBU's but MAESTRO Audits findings, site visits and the Burkina Faso fatal accident raise questions:

- The few SGL* examined show a **deviation from the initial/expected objective**
- Wide **variety** of SGL implementation (ref. MAESTRO audit feedback and site visits)



Launch of a study on 12 entities of the Company

• 2023 Q1 - ICSI's study on the Safety green light:

RC Donges (France), Antwerp (Belgium), Laporte (USA)

EP Tempa Rossa (Italy), TEP Angola, TEP UK

MS Puerto Rico, Feluy (Belgium), TMSA (South Africa)

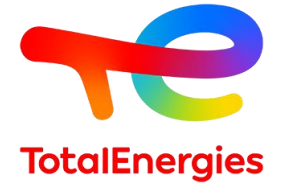
GRP Centrale CCG Bayet (France), REN Béziers (France), SAFT (Sweden)

- **Heterogeneous practices:** Juxtaposition or Merging into pre-existing local practice
- **Some adaptation leads to good interactions** and specific content, but can result in **different type of ritual** than intended (short ritual to express doubts vs risk analysis via checklist)



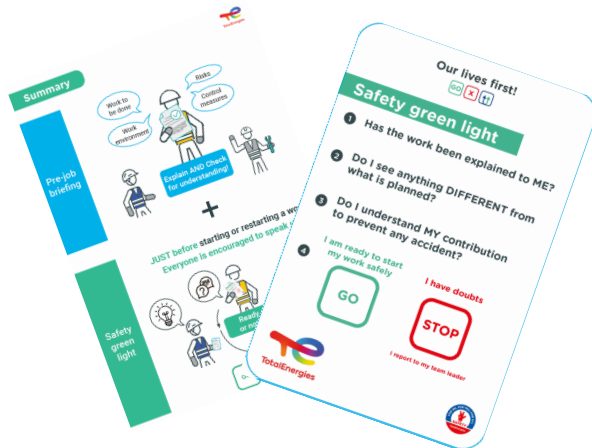
Launch of a dedicated Working Group

Working group on Safety green light



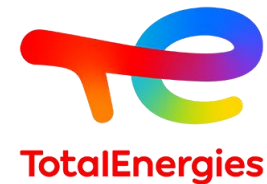
Objectives of the working group:

- **Provide a guidance:** Expectations and place of the SGL within the work permit process
- Propose an improvement of the **formulation of the SGL card**
- Propose **modification of requirement 3.5.2 of CR-GR-HSE-402** (Permit to Work Process)
- **Test modifications** in the field
- Propose scenarios for **videos to illustrate** the SGL



Working group:

EP	Nicolas COULOMBEL (representing SHI EP), Kirk URQUHART (TEP UK)
GRP	Ludovic SEMPER (representing SHI GRP), Frédéric GRANDEBOEUF (REN France), Gael BOURDIAUX (Power and Gas Europe)
MS	Peter THEUNISSEN / Olivier BARADU (representing SHI MS), Aurelie HERRUEL (MS France), Andries Cornelius DU PLESSIS (MS South Africa)
RC	Jean-François BUISSON (representing SHI RC), Thomas CAMPMAS (Donges), Stijn GROOTEN (Antwerp)
OSH	Fabien LEBAS (SPT), Luca SOIA (SPT), Nicolas FOREST (FOH), Fabrice PERCHE (SPT)
Cont.	Hugues TOUSSAINT (ACTEMIUM), Laurent ESPAILLAC (PONTICELLI), Baptiste PINOT (PEDUZZI)
Icsi	Support from Benjamin RAZAIARISOA



02.

Safety green light in brief



Safety green light

What: Mindset expressed in a **brief moment** to reflect on life-threatening hazards

Why: To increase situation awareness and to reinforce our attention in order to anticipate what could go wrong

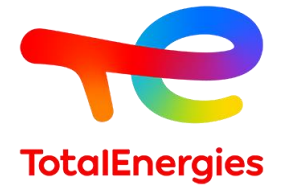
Who: All personnel involved in the task, including when a person is working alone. It can include TotalEnergies personnel when present

When:

- As a minimum, required for each job covered by a work permit
- Carried out after the Pre-job briefing
- **Just before starting** the work when everything is ready, and **just before restarting** to make sure conditions are not changed

Where: At the job location or at the safest environment nearby

How: Each worker reflects on four questions and interacts with his co-workers if any. If conditions are not safe, doubts arise, or there are any changes, any worker can apply a **STOP (red light)**.



Our lives first!
GO X UP

Safety green light

- 1 Has the work been explained to ME?
- 2 Do I see anything DIFFERENT from what is planned?
- 3 Do I understand MY contribution to prevent any accident?
- 4 I am ready to start my work safely I have doubts

GO STOP

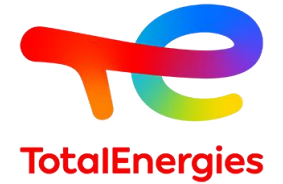
I report to my team leader

The TotalEnergies logo, featuring a stylized 'T' and 'E' in a rainbow gradient, with the word 'TotalEnergies' in red below it.A circular logo with a red hand icon and the word 'SAFETY' in red, with 'TotalEnergies' in smaller text below it.

03.

Guidance on Safety green light

Safety green light in the work permit process (CR-GR-HSE-402)



- **Risk analysis**
- **Preparation** including worksite visit for high risk works

- **Approval** by approval authority
- **Acceptance** by performing authority

- Simultaneous operations
- **Co-activity**

- **Issuance** of Permit to Work including worksite visit for high risk work
- **Pre-job briefing**
- **Safety green light**
- **START** of work
- Suspension / resuming handover

- **Closure** including worksite visit for high risk work

Work Permit and associated documents

Pre-job briefing

Explanation to all workers of

- the work to be done
- the work environment
- the identified risks
- and the associated measures

This Pre-job briefing is **documented** and **signed** by the performing authority and by each worker



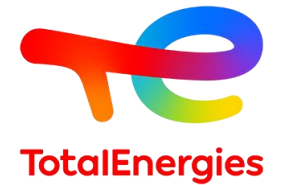
Safety green light

Confirmation from all workers that the work can be started safely

Repeated after each break



Example of Pre-job briefing



Pre-job briefing	
The Pre-job briefing is conducted <i>with all workers</i> using the operating procedure, work permit and associated documentation	
Company : JOHNSON Pipes and Co.	Work area : Building A
Date : 16/10/2023	Work permit n° : 20231016-25
1) The work to be done and the work environment have been described and understood 2) The exact location and the equipment to work on have been identified and understood 3) The risks and associated control measures have been explained and understood 4) The team has been aware of adjacent work activities and associated control measures are understood 5) The emergency procedure has been explained and is understood, and all means are available 6) If any, return of experience (REX) from the team has been shared 7) The way to manage changes is understood	
Team members' names and signatures	
P. BROWN : <i>Brown</i> J. BOLDER : JOHN BOLDER T. WRIGHT : <i>Wright</i>	

From the guidance

PREJOB BRIEFING

INFORMATION GÉNÉRALE	
Date :	Projet :
Unité / Zone :	Poste de travail :
Activité concernée : <input type="checkbox"/> Revêtement <input type="checkbox"/> Echafaudage <input type="checkbox"/> Isolation <input type="checkbox"/> PPI <input type="checkbox"/> Agencement <input type="checkbox"/> Autres : _____	
Animateur du prejob briefing (Prénom Nom) :	Signature :
<small>Le visa de l'animateur atteste que les instructions de travail ont été partagées avec l'ensemble de l'équipe</small>	
EQUIPE DE TRAVAIL	
Nb de personnes dans l'équipe :	Toute l'équipe est apte à travailler : <input type="checkbox"/> OUI <input type="checkbox"/> NON
Y a-t-il des absents dans l'équipe : <input type="checkbox"/> OUI <input type="checkbox"/> NON	Physiquement et mentalement
Toute l'équipe est arrivée à l'heure : <input type="checkbox"/> OUI <input type="checkbox"/> NON	
BRIEFING (points à échanger)	
Zone de travail disponible pour les travaux (prise en compte des risques)	<input type="checkbox"/> FAIT
Description des travaux à réaliser (en insistant sur les phases critiques)	<input type="checkbox"/> FAIT
Définition du rôle de chacun dans l'équipe	<input type="checkbox"/> FAIT
Définition des modes de communication (verbal / non verbal)	<input type="checkbox"/> FAIT
Définition de l'objectif d'avancement en fin de poste	<input type="checkbox"/> FAIT
MATÉRIEL / ÉQUIPEMENT	
<input type="checkbox"/> Autorisation de travail conforme <input type="checkbox"/> Moyens d'accès conforme <input type="checkbox"/> Balisage zones de travail / zone matériel	
<input type="checkbox"/> Matériel de travail conforme <input type="checkbox"/> Eclairage accès et zone de travail <input type="checkbox"/> Interdiction accès aux personnes extérieures	
<input type="checkbox"/> Tenue de travail de base <input type="checkbox"/> Lunettes sécurité de base <input type="checkbox"/> Casque de sablage <input type="checkbox"/> Gants de sablage <input type="checkbox"/> Sur tenues type 4/6 <input type="checkbox"/> Lunettes anti gouttelettes <input type="checkbox"/> Masque FFP3 <input type="checkbox"/> Gants de manutention <input type="checkbox"/> Combinaisons de sablage <input type="checkbox"/> Lunettes étanches <input type="checkbox"/> Masque à cartouche A2P3 <input type="checkbox"/> Gants chimiques	
EPI de base : <input type="checkbox"/> Chaussures montantes <input type="checkbox"/> Casques avec jugulaires 4 points <input type="checkbox"/> protections auditives	
ECHANGE / REMONTÉES D'INFORMATIONS	
Par Qui ?	Détail :
OBSERVATIONS / COMMENTAIRES	

Pré-job briefing Signatures
Debriefing

Les conditions changent ou une remontée d'information.

From a contractor



SGL Guidance

What?

Why?

When and where?

Who?

Safety green light and Pre-job briefing

Practical example of Pre-job briefing

How?

Safety green light and Stop Card

Questions and answers

Summary



TotalEnergies

Summary

Pre-job briefing



Safety green light

JUST before starting or restarting a work
Everyone is encouraged to speak up!



How?
Gather, talk and prevent accidents

Once the Performing Authority has received the Work Permit from TotalEnergies, the team in charge of carrying the work gathers at a quiet location.

PRE-JOB BRIEFING

The team leader starts by leading the Pre-job briefing, using the Work Permit and associated documents to explain the work to be done, the work environment, the risks and associated control measures.

A specific focus is placed on high-risk activities by explaining important barriers to prevent fatal accidents. Questions are asked to ensure that the most important risks and associated control measures are understood.

SAFETY GREEN LIGHT

At the work location, using the Safety green light CARD as a prompt, the Team Leader finally performs the Safety Green Light ritual by engaging with each member of the team.

«Peter what about you?»

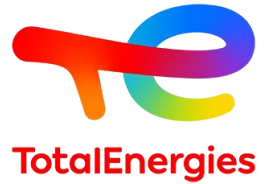
Bob, do you see any risks or anything different from what was planned?
No, I can't see anything else.
Me neither. Nobody else is present, so there is no coactivity with other workers. It is the usual procedure, but I understand that in this case, access is different, and we have identified ways to agree if needed.

Peter, is everything clear for you? Hvee
Yes, all clear, I will

«Bob what about you?»



Questions and answers (from the guidance)



An activity is not covered by a work permit, is the Safety green light required?

A work is covered by a prestart checklist (e.g. Safe-To-Lift, High Pressure Cleaning, etc.) which is required to be completed before starting the work, are the Pre-job briefing and Safety green light required?

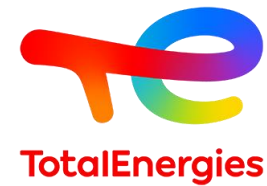
The Contractor seems to have a similar process in place, does the team leader have to perform the Pre-job briefing and/or the Safety green light, using TotalEnergies forms?

Does a person working alone need to perform the Safety green light?

04.

Illustration of Safety green light in 1'30''

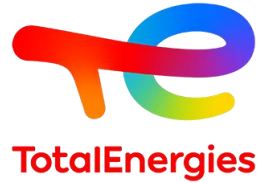
Safety green light in practice



05.

Modification of CR-GR-HSE-402 (*Permit to Work Process*)

Modification of requirement 3.5.2 of CR-GR-HSE-402 (Permit to Work Process)



Requirement 3.5.2: Pre-job briefing and safety green light

- A pre-job briefing is carried out after issuance of the work permit. The performing authority explains to all workers the operating procedure, the work environment, the risks identified in the permit to work and the associated risk control measures. For “high risk work”, this briefing must be conducted at the job location or at the safest environment nearby. It is documented and signed by the performing authority and by each worker. It is repeated after any change within the team.
- The “safety green light” is carried out just before starting the work at the work location. It is repeated after any break, before restarting the work, to ensure conditions have not changed at the work location.

(Expectations 01.08 ; 04.02)



The pre-job briefing is based on the content of the work permit and any associated document. This briefing is preferably conducted at the job location or at the safest environment nearby, which is mandatory for “high risk work”. The “safety green light” is a brief informal exchange based on 4 questions (appendix 6) fostering reflection and review on the possible risks of fatal accidents, and allowing, if necessary, the use of the Stop Card. It complements the pre-job briefing and it ensures that all workers are collectively ready to start safely. The « safety green light » is a way to verify whether what is observed at the job location aligns with the information shared during the pre-job briefing. The work should be postponed if doubts arise or if conditions are not met (e.g. Impossibility of implementing a control measure). “Red light” cases are reported, documented and analyzed for continual improvement.



06.

Deployment of adapted materials

Deployment of adapted materials

Available in the Toolbox HSE

- ↳ SGL guidance available
- ↳ SGL card available
- ↳ Video to illustrate SGL
- ↳ PPT and recording of this Webinar (soon)

Adaptation of existing processes
(where required)

November 2024 – January 2025
Corporate COM on « Our Lives First »

SGL

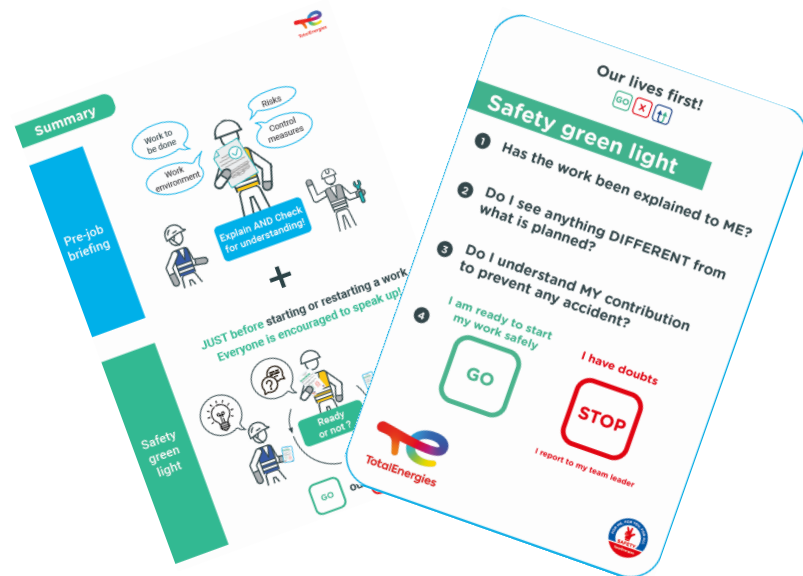
Nov 2024

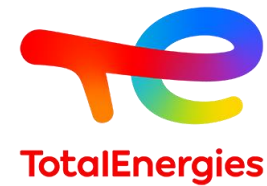
LSC

Dec 2024

JST

Jan 2025

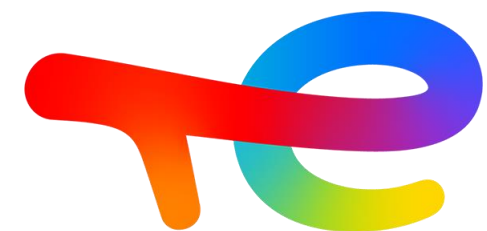




07.

Any question?



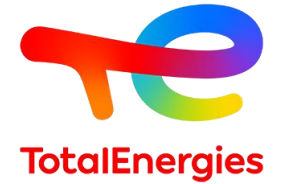


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Thank you



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