

# Spotlight

PSIN

NEWSLETTER


**PROCESS SAFETY INITIATIVE OF NIGERIA**


## WHY PROCESS SAFETY?

Process safety is about being aware of potential risks and hazards, controlling that risk by putting in place the right safeguards to lessen the likelihood and impact of occurrences, and taking lessons from past mistakes. It entails recognizing and comprehending possible risks. On October 1, 2023 during the Independence Day celebration as five individuals were burnt alive in a fuel truck fire occurrence, including children, elders and a pregnant woman which occurred at a boundary community between Edo and Delta States. One motorcycle, eight buses, two cars, two fuel-laden tankers and five trucks were also consumed by the raging inferno. Due to what is considered by many to be one of the worst industrial fuel truck incidents in history, Process safety guidelines and initiatives have been created to avoid such catastrophe.



### WITHIN THIS VOLUME:

**Why Process Safety.**

**2023 International Seminar-Process Safety Public Lecture**

**CCPS Webinar on Process Safety in Africa**

**Leader's Role in Eliminating Process Safety Incidents.**

## 2023 INTERNATIONAL SEMINAR -PROCESS SAFETY PUBLIC LECTURE



# PROCESS SAFETY INITIATIVE OF NIGERIA (PSIN)

## THE PROCESS SAFETY INITIATIVE OF NIGERIA

*Cordially invites you to an*

### INTERNATIONAL SEMINAR

**TOPIC** Leaders' Role in Eliminating Process Safety Incidents

 <p><b>MR. SHAKEEL KADRI</b> Executive Director &amp; CEO, CCPS, USA</p>	<p><b>Speaker</b> Mr. Shakeel Kadri Executive Director &amp; CEO, Centre for Chemical Process Safety (CCPS), USA</p> <p><b>Chairman</b> Engr. Gbenga Komolafe CEO, Nigerian Upstream Petroleum Regulatory Commission (NUPRC)</p> <p><b>Mode: Virtual</b>  <b>zoom</b></p> <p><b>Register in advance for this meeting:</b> <a href="https://us02web.zoom.us/join/zoom/register/tZErFuivqTksEt1H55DtIk1nYHtssKz-T7IU">https://us02web.zoom.us/join/zoom/register/tZErFuivqTksEt1H55DtIk1nYHtssKz-T7IU</a></p>	 <p><b>ENGR. GBENGA KOMOLAFE</b> CEO, NUPRC</p>
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On June 27, 2023, the Process Safety Initiative of Nigeria held an International Seminar themed ‘Leader’s Role in Eliminating Process Safety Incidents ‘.

The Speaker Mr. Shakeel Kadri Executive Director and CEO ‘Centre for Chemical, Process Safety (CCPS), USA, unveil an Intensive lecture on the aforementioned theme which includes the known Union Carbide India Limited (UCIL) pesticide facility in Bhopal, Madhya Pradesh, India, which experienced a chemical mishap on the evening of December 2-3, 1984, which is known as the ‘Bhopal catastrophe’ or ‘Bhopal gas tragedy’. Over 500,000 residents of the tiny villages surrounding the facility were exposed to the very deadly chemical methyl isocyanate (MIC), which is regarded as the world's biggest industrial disaster.

He mentioned the Leader’s role needed while Thinking about Process Safety which includes, the complacency due to your superior safety performance, normalizing your safety critical requirements, Ineffective Risk Assessment of your Systems, Reversing the Burden of Proof when evaluating safety of Operations, Employees Not Speaking Freely of their Safety concerns, Business Pressures at odds with safety Priorities, Failure to Learn and Apply learnings to improving your culture.

Dedication to the Process Safety is the first step in Safeguarding the process in terms of roles and responsibilities in terms of accountability; Process safety culture; Company standards, codes, and regulations; and Involvement of the workforce and stakeholders.

## CCPS WEBINAR ON PROCESS SAFETY IN AFRICA

On October 18, 2023, the Center for Chemical Process Safety (CCPS) held an Online Seminar Via zoom which triggered an intensive real-time conversation among individuals across the world.

The webinar includes various topic all-encompassing Leak Management and Methane Emission Reduction, Process Safety events and challenges in the monitoring Process Safety Performance, Process Safety, Reliability and Integrity (PSRI) Safeguards, Enhancing Process Safety Culture through Management Review, Introducing Process Safety During the Early Phases of a Project and Risk Assessment for SIMOPS Operations.



### WEBINAR ON PROCESS SAFETY IN AFRICA

Presented by CCPS & DNV, Date: Wednesday, October 18, 2023

Time: 3.00 pm to 6.00 pm [Johannesburg, Africa Time], Meeting platform- Zoom, Meeting

Sponsor: DNV, [Webinar Registration Link](#)

Time	Item	Owner
03.00 pm	Welcome By CCPS	Louisa Nara, Global Technical Director, CCPS
03.05 pm	Welcome By DNV	Jan Zschommer, Market Area Manager, Middle East and Africa (MEA), Energy Systems, DNV
03.10 pm	Leak Management and Methane Emissions Reduction - The NLNG Journey	Engr. Harry Birinengi- Manager, Production Support, Nigeria LNG
03.30 pm	Q&A	
03.35 pm	Process safety events and challenges in monitoring Process safety performance.	Jaasu Drisah Yahaya-Ghana Gas
03.55 pm	Q&A	
04.00 pm	Process Safety, Reliability, and Integrity (PSRI) Safeguards	Lelita Sango, Angola LNG
04.20 pm	Q&A	
04.25 pm	Enhancing Process Safety Culture through management review	Engr. Chukwuemeka Ekere-Chevron
04.45 pm	Q&A	
04.50 pm	Introducing Process Safety During the Early Phases of a Project	Mateus Esteita-Cabinda Refinery
05.10 pm	Q&A	
05.15 pm	Risk Assessments for SIMOPS Operations	Srinivas Sambasivam- Shell Petroleum Development Company,
05.30 pm	Q&A	
05.35 pm	Lessons learned: A case of "Corrosion Under Insulation."	Shahid Zuberi- Air Liquide
05.50 pm	Q&A	
05.55 pm	Meeting close-out	Umesh Dhake, Associate Director, Asia, Africa & Oceania Region, Center for Chemical Process Safety

## Leaders Roles in eliminating Process safety Incidents

- ▶ Leadership requires to set the process safety “tone at the top” of the organisation
- ▶ Technical Integrity problems are linked to shortfalls in personal injury statistics
- ▶ Lack of CEO visible leadership on safety in general
- ▶ “Only good news flowed upwards” So is, adherence to process safety tenets
- ▶ “A leadership style that is too directive and doesn’t listen sufficiently well does not promotes process safety. Top of the organisation should listen sufficiently to what the bottom is saying

## Mindful Leadership

- ▶ High reliability Organisations (HRO’s) are characterised by “collective mindfulness”
  - ▶ Constantly worried about the possibility of failure
  - ▶ Reluctant to draw quick conclusions – always looking for more evidence
  - ▶ Sensitive to the experience of frontline operators, encouraging them to speak up
  - ▶ Mindful organisations exhibit “chronic unease”
  - ▶ Danger may be lurking beneath the surface of normality.....things could go wrong at any moment
  - ▶ Relates to “style” of an organisation
  - ▶ Demonstrated
  - ▶ Expanded awareness of risk
  - ▶ Leaders display a chronic unease about the possibility of things going disastrously wrong
- ▶ Auditing
  - ▶ Be suspicious of audit reports that suggest all is well
  - ▶ Ask Auditors to identify most significant safety issue facing the organisation on site
  - ▶ Move from ranking a set of actions to an agenda for action
  - ▶ Openness to problems being identified
  - ▶ Regular site visits to talk informally with frontline staff
- ▶ Questions to reflect on;
  - ▶ Can you tell me about your job?
  - ▶ What are the greatest dangers you face?
  - ▶ Do you think we have these dangers sufficiently under control?
  - ▶ Do you think there are any safety issues here that we are not dealing with adequately?
  - ▶ What would have to be different for you to feel more confident that a disaster at this site is unlikely?
  - ▶ Are there times when workers feel they need to take short cuts?