

World Safety Organization NEWSLETTER



WSO Memberships & Certifications are accredited by ICAC



June 2022

National Safety Month

National Safety Month
an NRC initiative

June is National Safety Month

Get **FREE** resources to strengthen workplace safety

- Musculoskeletal Disorders
- Workplace Impairment
- Slips, Trips and Falls
- Injury Prevention

Scan the QR code or visit nsc.org/nsm

members get more
Join today at nsc.org/join

nsc
National Safety Council

JUNE 2022
National Safety Month
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New ergonomic technologies can dramatically reduce MSD injuries.

nsc.org/nsm

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an NRC initiative

Addressing workplace impairment depends on recognizing the signs.

nsc.org/nsm

JUNE 2022
National Safety Month
an NRC initiative

Preventing workplace injuries can save lives and keep workers safer.

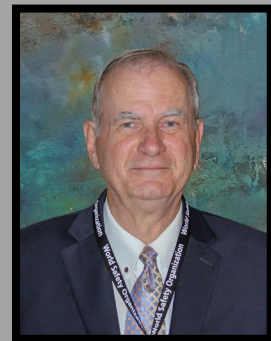
nsc.org/nsm

JUNE 2022
National Safety Month
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Everyone can take steps to avoid falls, both at home and on the job.

nsc.org/nsm

Graphics & Safety Month information provided by the National Safety Council. More information regarding National Safety Month may be obtained on their website at www.nsc.org



Hello and welcome to the World Safety Organization June Monthly Newsletter. We are approaching July and mid-summer. Now is the time for outdoor recreation and vacations to be in full swing. It is also the dangerous part of the summer with hiking and water sports. As you go about those activities take a moment and think safety. It may prevent serious injury or even worse. Enjoy but be safe!!!!

We are continuing to think about the October Symposium to be held in Las Vegas. This is our first symposium in several years and we want it to be well represented and attended. So far, we are off to a slow start with planned attendance, and we want everyone to attend if possible. Remember this is an opportunity to meet with colleagues and associates we normally see only once a year. This is also an opportunity to help our World Safety Organization.

I know many of you are fighting high cost of fuel and travel and it is hard to justify plans for a trip to Las Vegas. At the same time most of us make a trip or two a year to professional meetings and we think these have value. It would be great to have a big crowd and we encourage attendance.

Also, this is an opportunity to present a professional paper describing findings that may be of interest to the group. This is one of the few safety forums that offers these opportunities. We would welcome your submissions.

Thank you for your certified membership in World Safety Organization. Please let us know if you have suggestions for improvement, questions or other ways we might help you. Please contact the staff of the WMC if you need assistance.

Have a productive and safe summer!!

CHB

PERMIT TO WORK IN HYDROGEN SULPHIDE WORK AREA

(Awareness Training on World Safety Day 2022)

Er. Jayandran Mohan., B Tech (Chemical), M Tech (Safety), CMIOOSH, RSP, SIIRSM, Petrochemical Engineer & OHSE Trainer

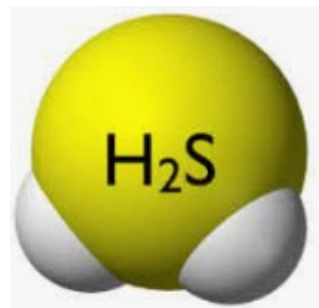
PERMIT-TO-WORK (PTW)

Permit to Work (PTW) refers to management systems used to ensure that work is done safely and efficiently. These are used in hazardous industries and involve procedures to request, review, authorize, document and most importantly, de-conflict tasks to be carried out by front line workers. Permit to work is an essential part of control of work (COW), the integrated management of business-critical maintenance processes. Control of work is made up of permit to work, hazard identification, risk assessment (RA), and isolation management (IM). Permit to work is a core element of integrated safe system of work (ISSOW) systems that along with risk assessment and isolation planning, enable as low as reasonably practicable (ALARP) reduction of unsafe activities in non-trivial work environments. Permit to work adherence is essential in process safety management. A permit to work form typically contains these items: The work to be done, the equipment to be used and personnel involved, Precautions to be taken when performing the task, Other workgroups to be informed of work being performed in their area, Authorization for work to commence, Duration that the permit is valid, Method to extend the permit for an additional period, Witness mechanism that all work has been complete and the worksite restored to a clean, safe condition and Actions to be taken in an emergency.



About Hydrogen Sulphide (H₂S)

Hydrogen sulphide, H₂S, is produced by the bacterial decomposition of vegetable and animal matter that contains sulphur. It is formed in some types of crude oil “sour crude” over many millions of years and often found in the production and refining of high sulphur petroleum and natural gases. Hydrogen sulphide is also found in stagnant waters, marshes, sewers and mines. At low concentrations hydrogen sulphide has a strong and unpleasant odor of rotten eggs. A concentration as low as one-part H₂S is in a million parts of air may be smelt. At slightly higher concentrations H₂S may have a sticky-sweet odor.



Hydrogen sulphide is also: Colorless, Extremely toxic, Flammable and Heavier than air (specific gravity 1.19). So appropriate Safety procedure to be followed while working in Hydrogen Sulphide area.

H₂S Hazards & Control

When inhaled, hydrogen sulphide passes from the lungs into the bloodstream. In low doses, hydrogen sulphide is readily oxidized, and the by-products excreted without any obvious or adverse health effects. As the concentration of hydrogen sulphide is increased, the intake of H₂S is greater than the metabolism rate and adverse health effects commence. “Time Weighted Average” (TWA) up to 10 ppm = no more than 8 hours per day. (The refreshment time shall not be less than 16 hours) . “Short Term Exposure Limit” (STEL) up to 15 ppm = Max of 4 exposures per 8 hours, but not more than 15 minutes each. (the refreshment time shall not be less than 60 minutes between each exposures).

To protect workers from harmful hydrogen sulfide exposures the following controls can be applied: Evaluate exposure to know whether H₂S gas is present and at what levels, Eliminate the source of hydrogen sulfide whenever possible, If the source cannot be eliminated, control exposures by: Using engineering controls as the next best line of defense, Developing administrative controls and safe work practices to reduce exposures to safe levels, Use Respiratory Protective Equipment if engineering controls and work practices alone cannot reduce hydrogen sulfide to safe levels.

(cont. on pg.4)

PERMIT TO WORK IN HYDROGEN SULPHIDE WORK AREA

(Awareness Training on World Safety Day 2022)

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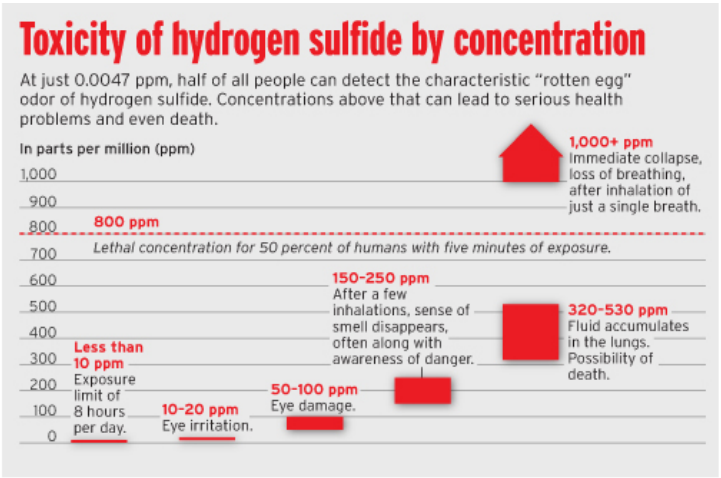
Er. Jayandran Mohan., B Tech (Chemical), M Tech (Safety), CMIOHS, RSP, SIIRSM, Petrochemical Engineer & OHSE Trainer

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Awareness Training

By following Permit to Work System in Hydrogen Sulphide sites the workers safety will be ensured, and safe work culture can be reinforced which will also showcase the management visible commitment towards safety. The World Day for Safety and Health at Work on 28 April promotes the prevention of occupational accidents and diseases globally. The World Day for Safety and Health at

Work 2022 focuses on enhancing social dialogue towards a culture of safety and health. On 28th April, I delivered a training session on Permit to Work in H₂S and Hydrocarbon Area. Three Young H₂S Technicians have attended this training program. Their job nature includes implementation of manifold, Air loop system and fixing detectors in Hydrocarbon drilling sites. This training has intended to enhance their awareness about effective practice of PTW system to ensure safe working in H₂S Area and it has been effectively grasped by the participants.



April 28th : A Perfect Day HSE Day for Nael Group

Dr.Haridas S Nair, Corp HSE Manager
Nael General Contracting Group of companies

For the sixth time in a row, the Nael group of companies organized the World Day for Safety and Health and the International Safety Award Ceremony at different projects and factory. The management gathering was organized at the Alwathba Villa project on April 28th, 2022. This time the Nael Group was recognized under Distinction category in International Award platform.

'Act together to build a positive safety and health culture' was the main agenda of the function, and it focuses on enhancing social dialogue towards a culture of safety and health.

Mr. Oommen Varghese, MD of Nael Group, stated, "The path we selected for safety is perfect. I can assure you that this path will not be obstructed by limited resources."



Nael Group's Corp.HSE Manager, Dr. Haridas S. Nair, stated, "Yes, let's act together on behalf of Nael Group. I am inviting all relevant stakeholders to join our safety culture."



Mr. Joseph Varghese, GM of Nael Group, said, "The safety climate in our organization has changed; now it's a safety culture."



(cont. on pg. 6)

April 28th : A Perfect Day HSE Day for Nael Group

Dr. Haridas S Nair, Corp HSE Manager
Nael General Contracting Group of companies

Continued from page 5

The management of the Nael Group applauds the exceptional work of its workers with regard to health, safety, and environment.



Register Today!

New Horizons in Safety



World Safety Organization's
34th Annual International
Environmental & Occupational Safety & Health
Professional Development Symposium

2-5 October 2022

Tuscany Suites & Casino

Las Vegas, Nevada, USA

For more information visit www.worldsafety.org and select Symposium

We look forward to seeing you in Las Vegas!

The logo of the World Safety Organization (WSO) is a circular emblem. It features a globe in the center, with the letters 'WSO' prominently displayed across it. The globe is surrounded by a laurel wreath. The words 'WORLD SAFETY ORGANIZATION' are written in a circle around the globe, and the year '1975' is at the bottom.

Tuscany Suites & Casino
255 East Flamingo Road \ Las Vegas, Nevada USA

- Please complete the registrant information of this form.
- Check your registration fee(s) and enclose payment with the registration form.
- Send the completed registration form and payment on or before September 1, 2022.
- Confirmation will be sent to you upon receipt of your registration and payment.
- Online registration is also available:

- Tuscany Hotel & Casino has blocked rooms for WSO Symposium participants at the discounted rate of \$ (net) per night, Sunday-Thursday, and \$ (net) per night, Friday-Saturday.
- Please contact the Tuscany directly by phone at 1-877-887-2261, no later than August 26, 2022 to make your reservation.
- You may also book online directly:

- Should you need to cancel your reservation after payment has been made, refund will be less an administration fee of \$50 (USD) valid until July 1, 2022.*
- 50% will be refunded for cancellation until August 1, 2022.*
- There will be no cancellation or refund allowed after September 1, 2022. A substitute may be designated at any time.*

Dietary Restrictions



**PLEASE
NOTE**

NAME (First, Middle, Last):						[] Mr. [] Mrs. [] Ms. [] Dr. [] Engr. [] Other	
AFFILIATION/COMPANY:							
POSITION/JOB TITLE:				EMAIL ADDRESS:			
ADDRESS (Line 1):							[] Home [] Work
ADDRESS (Line 2, if needed):							
CITY:		STATE/PROVINCE:		POSTAL/ZIP CODE		COUNTRY:	
BUSINESS PHONE:				FAX NO:		MOBILE PHONE:	

For secure credit card payment, please visit the SHOP on WSO's website <https://worldsafety.org/shop> and select *Symposium Registration* to make your payment. WSO accepts Visa, MasterCard, American Express, and Discover. Check or money order made payable to WSO and mailed to WSO-WMIC, Attn: Symposium Coordinator, 106 W Young Ave Ste F, Warrensburg, Mo 64093 USA. International postal money orders, bank drafts with a US routing number, or Western Union transfers made payable to Stephanie Jewell are acceptable for participants outside the United States.

Attn: Symposium Coordinator, 106 W. Young Ave Ste F, Warrensburg, MO 64093 USA | symposium@worldsafety.org



2022 SYMPOSIUM PAPER OUTLINE/ABSTRACT FORM

34th International Environmental & Occupational Safety & Health Professional Development Symposium
New Horizons in Safety | October 3-5 | Tuscany Suites & Casino | Las Vegas, Nevada, USA

Speaker Information | Please print or type

NAME										Mr.		Mrs.		Ms.		Dr.		Eng.
JOB TITLE / POSITION	COMPANY/AFFILIATION																	
COMPLETE MAILING ADDRESS																		
BUSINESS PHONE	FAX	PERSONAL PHONE			Landline	Cell/Mobile	EMAIL											

Paper Information | Please print or type

PAPER/PRESENTATION TITLE
AUTHOR(S)
BRIEF OUTLINE: 150-200 WORDS (or you may enclose an Abstract)
BIO: 100-150 WORDS
LENGTH OF PRESENTATION: <input type="checkbox"/> 30-Minute Session <input type="checkbox"/> 60-Minute Session

The Symposium program will be formatted based on the information received from you in the "Paper Outline/Abstract." If the length of the presentation would be in conflict with the program scheduling, you will be contacted regarding any changes.

I plan to attend the full conference ☐ YES ☐ NO, I will attend only: ☐ Monday ☐ Tuesday ☐ Wednesday

I will be accompanied by a spouse or guest: ☐ YES ☐ NO Name(s): _____

Audio Visual Equipment* | Please indicate below which audio visual equipment listed below you will require for your presentation:

☐ Laptop Computer ☐ LCD Projector ☐ None Required ☐ Other: _____

*Please note: Any additional audio visual equipment which may be required, must be paid for by the speaker.

Return this form to WSO World Management Center, Attn: Symposium Coordinator, 106 W. Young Ave Ste F, Warrensburg, MO 64093 USA | symposium@worldsafety.org

WE NEED YOU

Do you blog?

Do you write articles for your company's newsletter?

Do you have relevant information to share?

Did your company or agency sponsor a special safety-focused event?

Does your company or agency have an upcoming safety-focused event you wish to promote?

If so, we would love to feature your content in a future WSO NewsLetter or TechLetter!

*Just email your article/ blog, author(s) byline, brief bio, and photo to us:
editorialstaff@worldsafety.org*



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www.worldsafety.org



WSO World Management Center

106 W Young St #F, Warrensburg, MO
64093 USA

Tel: 1-660-747-3132 | Fax: 1-660-747-2647

Email: info@worldsafety.org



Accredited in compliance with
ISO/IEC 17024:2012

“Making Safety a Way of Life... Worldwide” since 1975