

# Workshop MANAGEMENT OF HUMAN ERROR FOR THE CONTROL OF ACCIDENTALNESS [EXPERIENCE IN MINING]

**Saturday / April 13**

**SPEAKER: LIC. MIGUEL SANHUZA SALINAS**

**PLACE: LIMA, PERÚ.**

Workshop Management of Human Error for the Control of Accidentalness Experience in Mining	
Schedule	Topic
9:00-09:30	<b>Introduction to the course:</b> General
9:30-10:30	<b>The human factor in security:</b> General aspects, origins of the concept of factors and human error, review of catastrophes caused by human errors, impact of errors in the security of systems.
10:30-11:00	<b>Break</b>
11:00-11:30	<b>Typology of Human error:</b> Classification developed by J. reason, Rasmussen types of unsafe acts, analysis of classification and main characteristics of each type, automatic and planned behavior.
11:30-12:30	<b>Methodologies of evaluation of Human Error:</b> Classification develops by J reason, types of unsafe acts, analysis of classification and main characteristics of each type, through concrete examples of events in which each type is present.
12:30-14:00	<b>Lunch</b>
14:00-15:30	<b>Case analysis: Application Method HEART (Human Error Assessment and reduction Technique) in a specific case which will diagnose the type of human error more probable of occurrence, determine the conditions and application of techniques to reduce the probability of occurrence of the EH.</b>
15:30-16:00	<b>Break</b>
16:00-17:00	<b>Corrective and preventive applications of Human Error more effective : Strategies for the reduction of the probability of human error, analysis of poka yoke systems, the application of braess. Human reliability, evaluation and strategies to increase the reliability of the system.</b>
17:00-17:30	Final evaluation and closing of the course

