QHSE

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What is QHSE, HES, HSE?

Зачем нам QHSE ?

Agenda

PPE / СИЗ

Policy and standards / Политики и стандарты компании

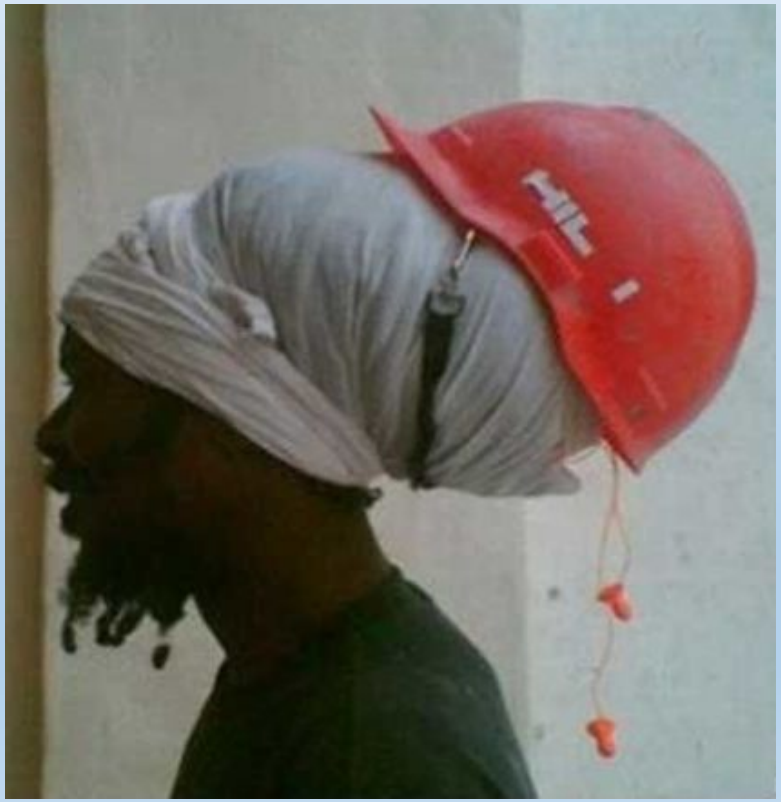
Personnel training / Обучение персонала

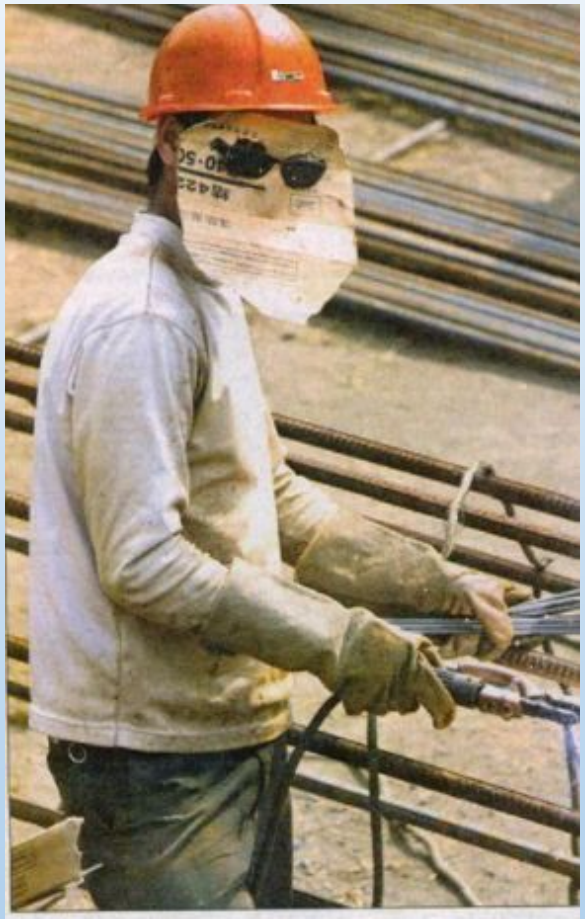
Event reporting , Investigation / Отчеты о происшествиях и расследования

Risk Indentification reports / STOP cards/BBS cards / Определение риска, СТОП карты

Hazard analys and Risc control / JHA / JSA - Анализ и контроль риска

Bad PPE examples





PPE / СИЗ

Mandatory:

Hard hat
Coverall
Safety glasses
HI gloves

Optional

R/A badge
Respirator
Ear Protection

Policy and standards

A **policy** is a statement of principles to guide decisions and actions.

Standard - mandatory action or rule designed to support and conform to a policy.

Procedure - who does what, when they do it, and under what criteria.

Guideline - General statements, recommendations, or administrative instructions

Example Policy and Standard (Examples)

Policies

- Sexual Harassment Policy
- Employment Practices Policy
- Business Ethics Policy
- Confidentiality Policy
- Conflict of Interest Policy

Standards:

- PPE
- Mecanical lifting
- Radiation
- Pressure

Personnel training

First Aid

Fire fighting

HUET/BOSIET

H2S

Event reporting / Investigation

HSE Event (accident)

An undesired event which results in:

- Harm to people (fatality, occupational injury/illness)
- Damage to vehicles, assets, facilities
- Damage to the environment

SQ Non-conformance

An undesired event which results in:

- Non productive time (NPT)
- Loss of revenue
- Failure in process delivery
- Failure of product
- Damage to reputation and potential loss of future work

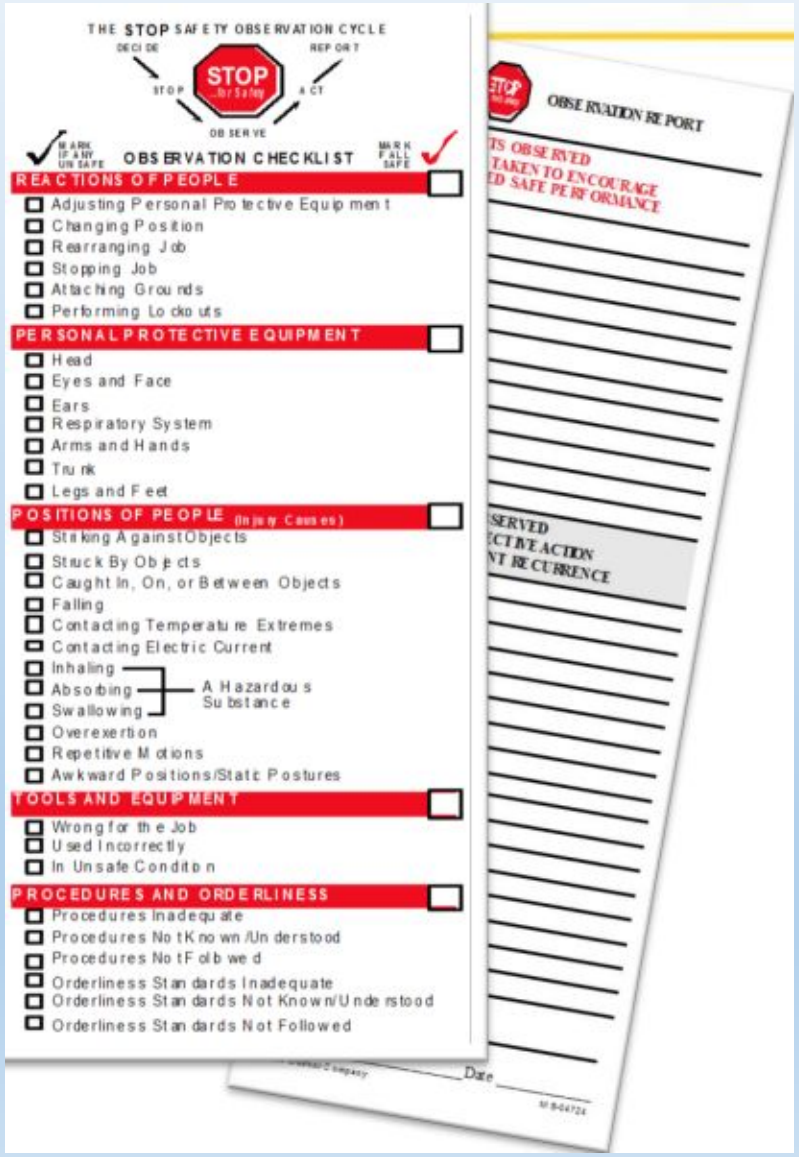
All QHSE events and associated RWPs (remedial work plan) must be reviewed before closure by the appropriate line management as set in the following responsibility matrices.

Risk Indentification reports / STOP cards/BBS cards

What is RIR / STOP card ?

Who writes it ?

Why do we need them ?



HAZARD and RISK / Опасность и Риск

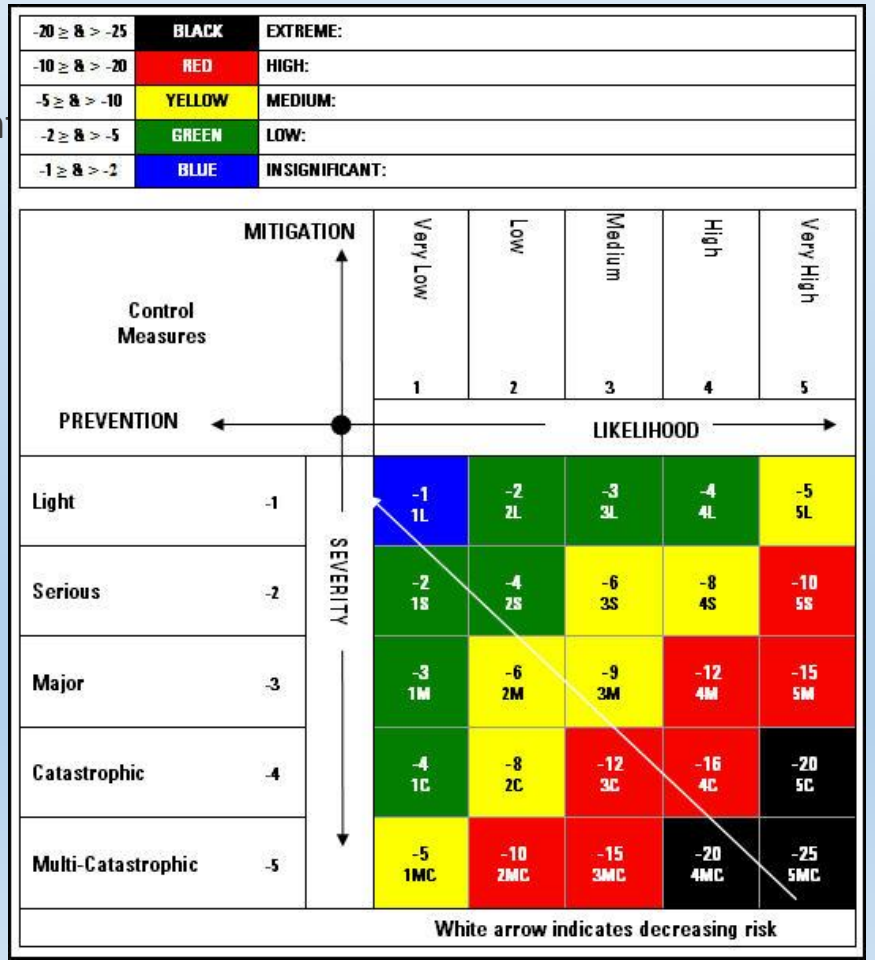
A **hazard** is any source of potential damage, harm or adverse health effects on something or someone.

Basically, a **hazard** is the potential for harm or an adverse effect (for example, to people as health effects, to organizations as property or equipment losses, or to the environment).

Example : Wet floor (can cause Slips, falls), Electricity (can cause Shock, electrocution)

A **risk** is the chance of something happening that will have a negative effect. The level of risk reflects:

- the likelihood of the unwanted even
- the potential consequences of the unwanted event.

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Hazard analys and Risc control / JHA / JSA

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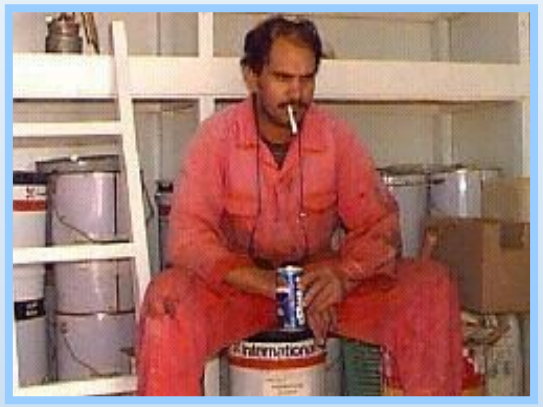

Causes

Leads to

Hazard analys and Risc control / JHA / JSA

How do we reduce risk?

Step 1	Identify hazard	What are the hazards ? What could go wrong ?
Step 2	Assess risk	How likely is it to cause an accident ? How serious can it be ?
Step 3a	Implement prevention measures	Is there a better way ? Can Hazard be eliminated ? Can exposure be reduced ?
Step 3b	Implement mitigation measures	How do we limit effect ? How do we regain control ?

Hazard analys and Risc control / JHA / JSA

Example : Driving

Questions?