Safe Maintenance in PIRELLI

„cascading into the organization“

Workshop 3 : Successful Health and Safety Campaigning

Davide Spanti
HSE Manager Europe & MEA Region, Pirelli
Pirelli group: a history of innovation and responsible growth

- 1872: Pirelli & C. established in Milano, Italy
- 1902: Spain first production plant abroad
- 1907: Pirelli the Peking-Paris raid
- 1929: Launched the Superflex Stella Bianca
- 1950: Pirelli wins the first World F1 Championship
- 1974: P7 the first super-low profile created for the Lancia Stratos Rally
- 2011: Green tyre “Nuovo Cinturato”
- 2008: Pirelli wins the first World F1 Championship

Leading brand in Prestige niche
Development partner of all EU premium car makers
Leading supplier to the Automotive Industry in Latin America
Leader in the Motorcycle business with Pirelli and Metzeler Brands

Leading position in Pirelli key markets
Proprietary steelcord technology
Pirelli factories in the world

- 24 productive Sites;
- 5 R&D Centres;
- Global network servicing 160 Countries
- 29,573 Employees (as for 31.12.2010)

= Joint Venture
Our framework

The Values and Ethical Code of the Pirelli Group

Ethical code

HSE and Sustainability policy

ISO 14001 & OHSAS 18001

LEADERSHIP RECOGNITION IN CORPORATE SUSTAINABILITY AT INTERNATIONAL LEVEL

> Presence in major financial sustainability indexes
> For the 8th consecutive year, Pirelli was named a sustainability leader in the Auto Parts and Tyre Industry.
> Pirelli rating 2011-12: 91 vs. sector avg.: 53.
> FTSE4Good: rating 2011: 88/100

Pirelli suppliers required to comply with all certification key principles

Sustainability recognition
HSE integration in Sustainability and Manufacturing


Social dimension

Environmental dimension

Economic dimension

PIRELLI MANUFACTURING SYSTEM

VALUE CREATION FOR THE CUSTOMER

PEOPLE

TOOLS

STANDARDS

OBJECTIVES, VALUES, BEHAVIOURS
HSE Journey & Targets

The HSE Journey

TARGET

ZERO Injuries
ZERO Occupational Diseases
ZERO Environmental Accidents

HSE is not a priority, it is a value.
While priorities shift based upon the needs of the business, core values do not change.

G.Pomati – Operations Director
COO and Operations Director commitment

COO message and Operations Director video about the importance of being deeply involved in the “safe maintenance” campaign.
Usage of internal intranet to communicate the meaning / target of the campaign
Industrial Managers Involvement

Usage of shocking video to make crystal clear to Plant Managers the possible consequences of a not-safe maintenance activity.

What’s LOTO?
A lockout/tagout standard protects employees from injury and death while servicing equipment by preventing unexpected startup of equipment. The purpose of the lockout/tagout standard is to ensure the power source is shut off prior to work being done.

What’s next?
- During HSE meeting in Slatina, will be shared the latAm and TPL experiences
- It will be asked to analyze in each plant the needs to start up a step by step LOTO program (involving tech services)
- I ask your personal COMMITMENT on this multi-year program
Involvement of EU-OSHA member (H.Klempa) in order to share directly to all HSE managers the aim and the target of the campaign. A whole day of the meeting dedicated on LOTO experience sharing (classroom and shopfloor)
Safe Maintenance: EU Campaign

Regular maintenance is essential to keep equipment, machines and the work environment safe and reliable. It helps to eliminate workplace hazards. Lack of maintenance or inadequate maintenance can lead to dangerous situations, accidents and health problems. That is the reason why also DCS has decided to bring the EU awareness campaign inside the factory. Taking advantage of the experience of our colleagues from Pirelli Deutsch (C.Schumacher), we organized two room sessions involving all our maintenance people. It has been an important opportunity for the management of DCS to transfer the importance of the role of maintenance in the accident prevention and to collect feedback from an open discussion with the operators. DCS has also launched the application of Tag & Log Out, a procedure that should guarantees the maximum safety during the maintenance interventions. Perform maintenance in a safe way too!!
Group-wide campaign integration into Pirelli LOTO Training
(Romania example)
1st HSE Week in Pirelli (12th-16th Sept 2011)

World Wide Week focused on:
- Health : Ergonomics
- Safety : P.P.E.
- Environment : Water
- L.O.T.O.
- Waste
- Energy

Involved more than 20,000 people in 13 countries
1st HSE Week in Pirelli (12th-16th Sept 2011)
ENERGÍAS PERIGOSAS

Quaisquer energia que tem potencial para causar lesões nos trabalhadores. Exemplos: transmissão de energia mecânica (aparelhos, contrapesos, molas, pressão, gravidade), pneumáticos, hidráulicos, elétricos, químicos, líquidos e gases inflamáveis, nucleares e térmicas.

O perigo está presente quando a energia pode ser liberada em quantidades que possam ferir os funcionários.
RESULTS ON MAINTENANCE ACTIVITIES

NUMBER OF INJURIES (2008=Index 100)

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FREQUENCY INDEX (2008=Index 100)

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Contractors: HSE Induction

Safety Induction

Hand and Powered Tools

These must be in good condition:
- All electrical equipment must be done using 11C supply. There are a limits converted to RCD sockets.
- Flexible Leads and plugs
- Cables should not be run and signage.

PERSONAL PROTECTIVE EQUIPMENT

Contractors must supply their personnel with PPE as follows:
- Safety footwears
- Hearing protectors
- Personal safety wear, tannocks,

HOT WORK

A Hot Work Permit is required for all temporary operations involving flames or producing heat and/or sparks.

Permits may be obtained from the gatehouse before starting hot work. They must be signed by your Pirelli host and handed back into Security on completion of the job. Permits must be completed each day for as long as the job lasts.

A Fire Trolley with extinguishers is available at the gatehouse which must be signed for and returned each day. The gatehouse must be informed if any fire equipment is used or damaged.
THANK YOU!