

# “SAFETY MANAGEMENT AND INSPECTION OF MACHINERY”

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(Japan ) .

Prepared by

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# Geography

- Area: 236,800 km<sup>2</sup>
- 17 provinces.
- Vientiane national capital city
- Landlocked by Thailand, Vietnam, China, Cambodia and Myanmar
- 47 % cover by forest and mountains



# Population

- Population of Laos 5.7million inhabitants
- Growth rate : 2.4 %
- Density : 19 pers/ Km<sup>2</sup>
- Over 100.000 women more than men
- Production work : over 70 %

# Labour law of Lao PDR

- Decree No.24/PR of president of republic in year 1994.Law No.002/NA concerning labour. (Now it is finising to implement new one.)
- Ministry of labor and social welfare published the labour law .
- Every factories need to follow up the rule of safety and health which issued by ministry of labor and social welfare.
- . Every workers need to be the member of social security organization.

# Welcome to



ບໍລິສັດ ວຽງຈັນ ອຸດສາຫະກຳເຫຼັກ ຈຳກັດ  
VIENTIANE STEEL INDUSTRY Co., LTD.

# OVERVIEW OF VIENTIANE STEEL

## Background:

- **As a joint venture between Lao and foreign partners.**
- **Promotion of Industrialization in the Lao P.D.R.**
- **VSI is one of the key economic development sector in the Lao P.D.R.**
- **1994 - Permission of establishment**
- **1996 – Factory construction, Area 124,800 square meters**
- **1997 - Manufactured steel deformed bars And round bars by grade SR 24 ,SD30 and SD40 with diameters O10mm,O12mm,O14mm,O16mm,O20mm and 25mm . The capacity of manufacturing of the products 150.000 MT/ year**

# Employees background

- Total employees 130 .
- Master degree 3 %.
- Bachelor degree 7%.
- Lower bachelor degree 90%.



# Organization Administration Chart



Director  
Mr Phisith XAYATHITH



Deputy Director  
Mr.Sonesavanh Soukdala



Deputy Director  
Mr.Phixay sayathitt



Personal Mg  
Mr.Viengsanoo



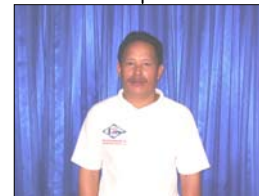
Financial Mg  
Mrs.Nidavane



Sale  
Ms Viengxay



Accounting  
Ms Chitvilay



Production Mg  
Mr Laokoo



Technical Mg  
Mr Chanthone

# Safety management team in our factory .



Mr sonesavanh  
soukdala D director



Mr. phisay  
D director



Mr. viengsanouk  
Add man

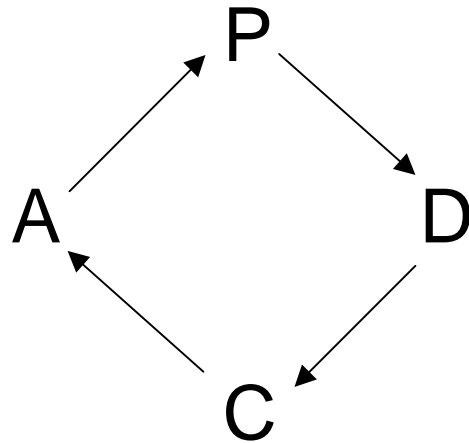


Mr. laoku  
Production man



Mr chanthon  
Tech – QC man

# The implementing activities



# Safety activities in works-places





# Working Areas for the safety



# Working Process





# STEP FOR PRODUCTION OF INGOT PROCESS





# 5S activities in Warehousing





# 5S activities in warehousing



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## What we are doing to reduce the number of accidents?

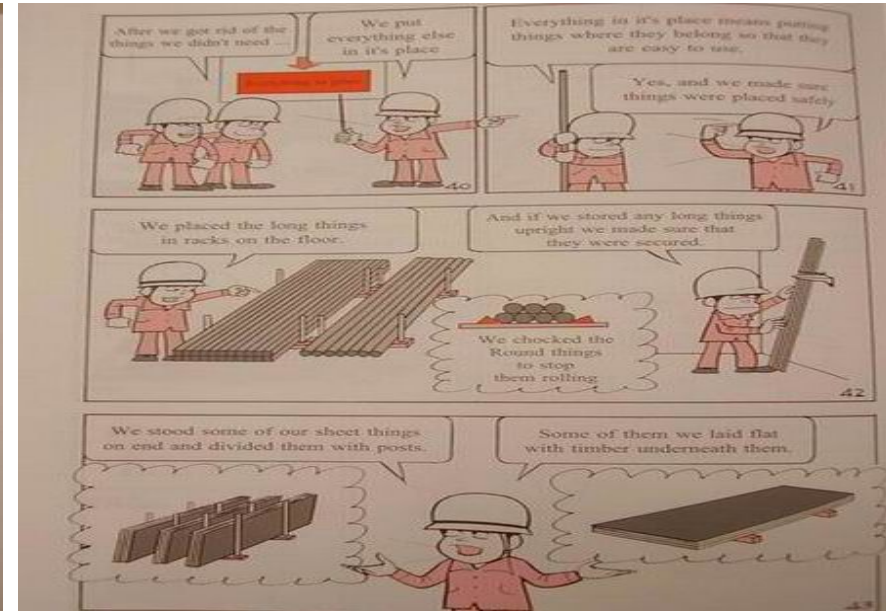
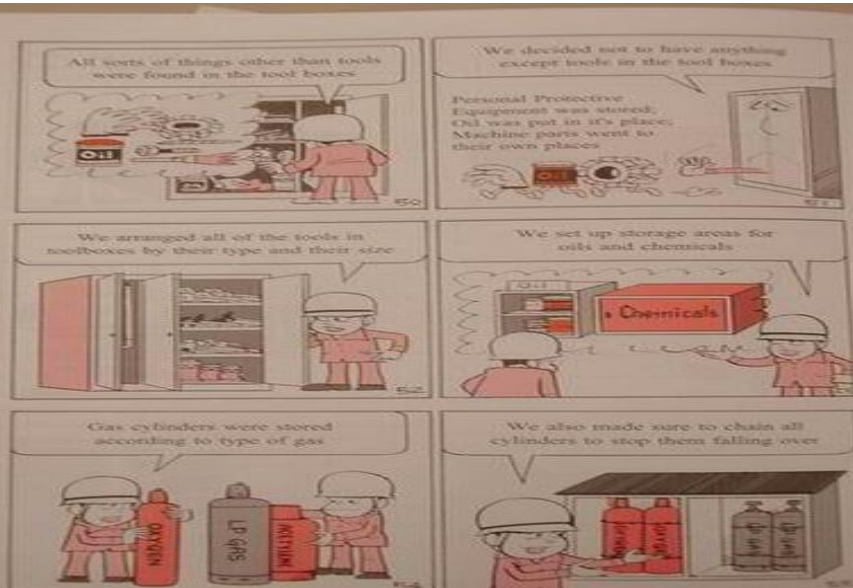
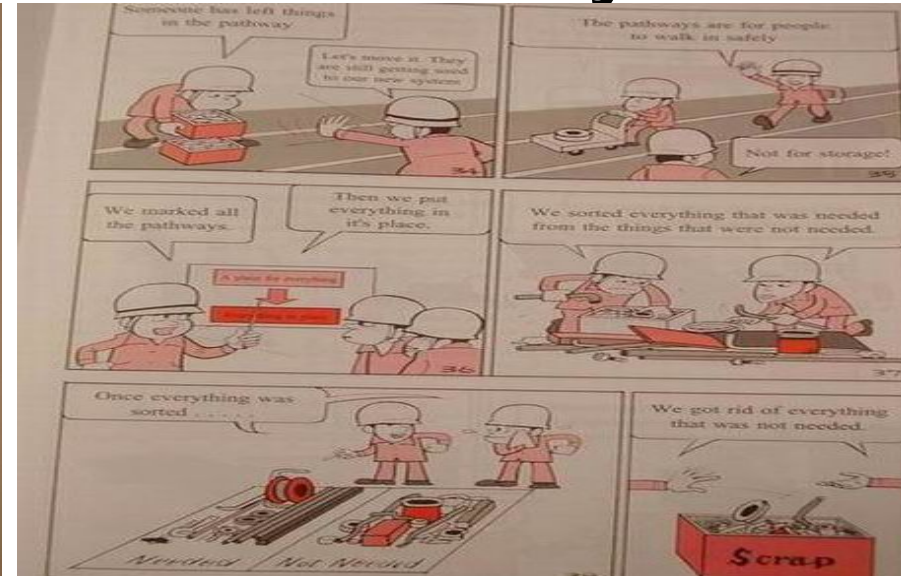
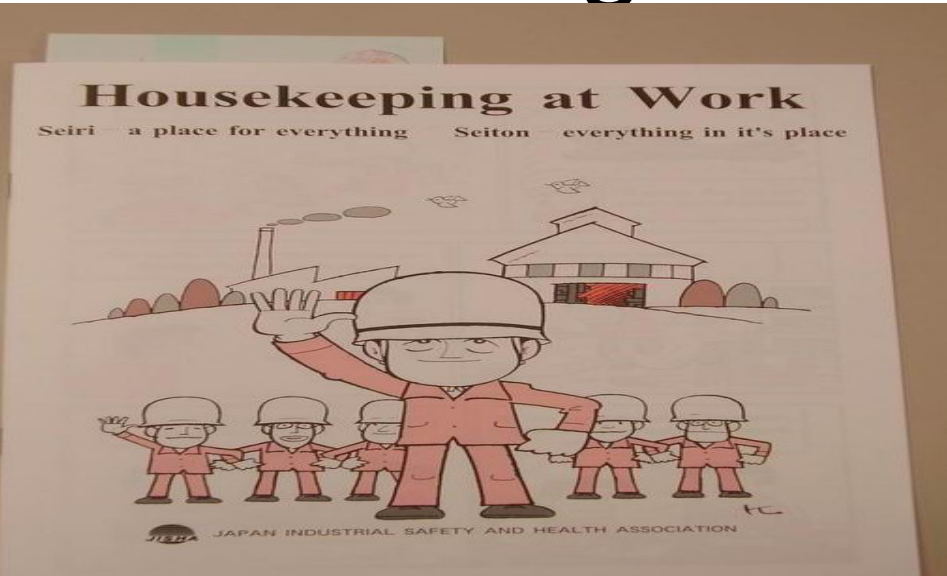
- Integrated the safety rules in factory.( Follow up the of Labour law of Lao PDR. )
- Training on occupational Safety in work place and show Theme The photo of accidents.
- Training on working awareness for the workers.
- Provided The safety suits and safety equipments for all workers. ( Clothes, Shoeses , Gloveses, Helmets and cloths for closing noses.)



# Training in oversea

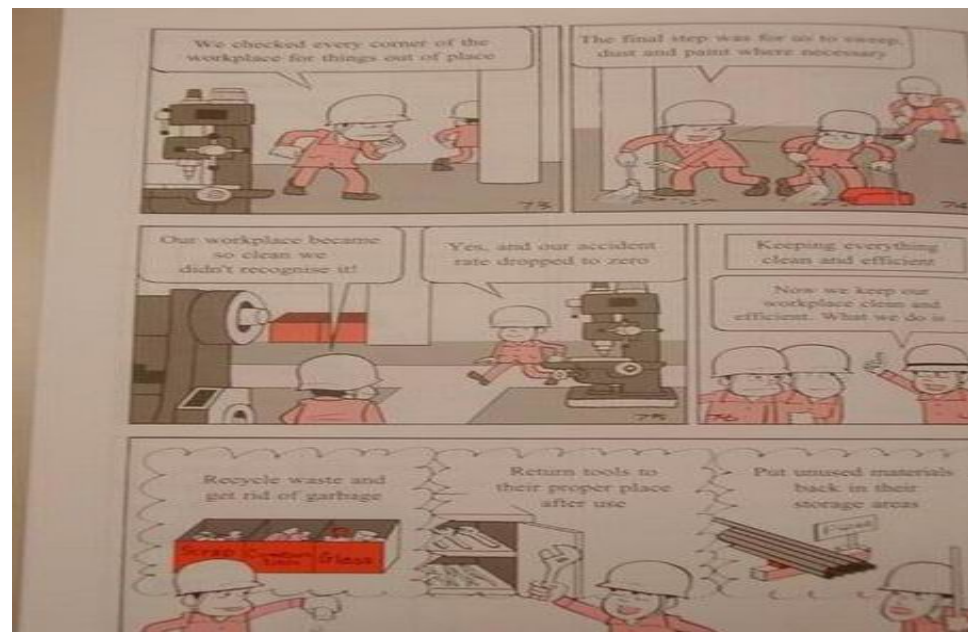
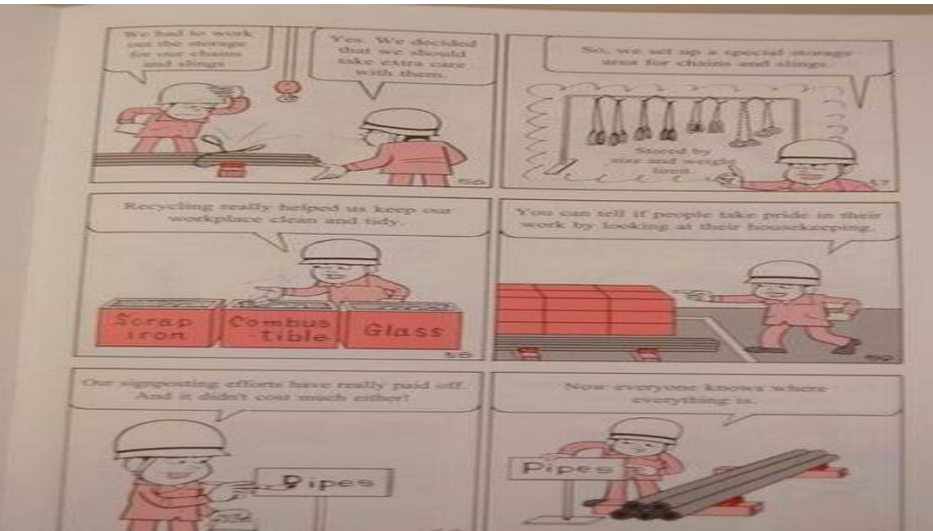


# Training material in factory

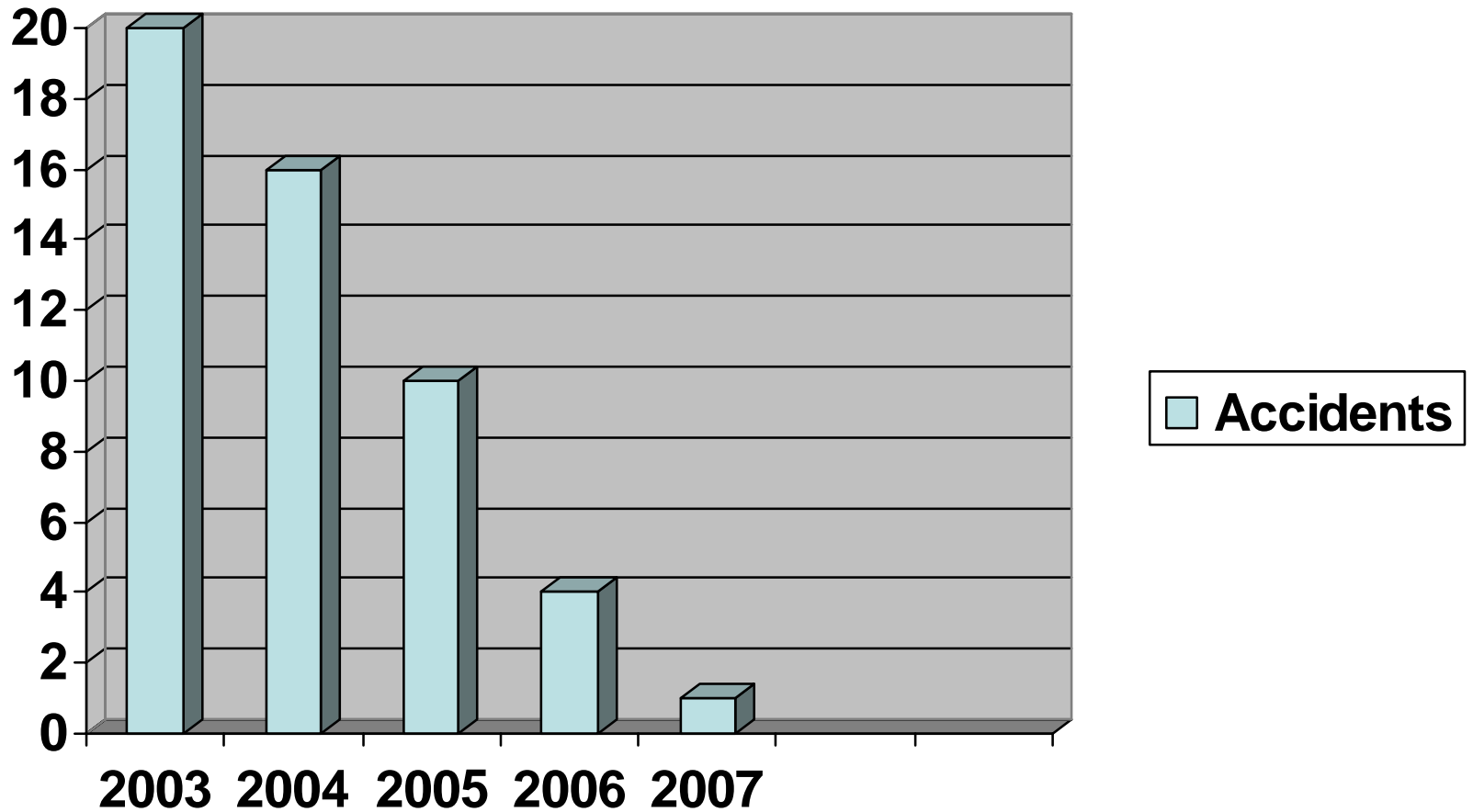




# Training material



# The number of accidents after implementing.



# Maintenance and inspection of machineries activities

- Yearly plan
- Six month plan
- Monthly plan
- Weekly plan

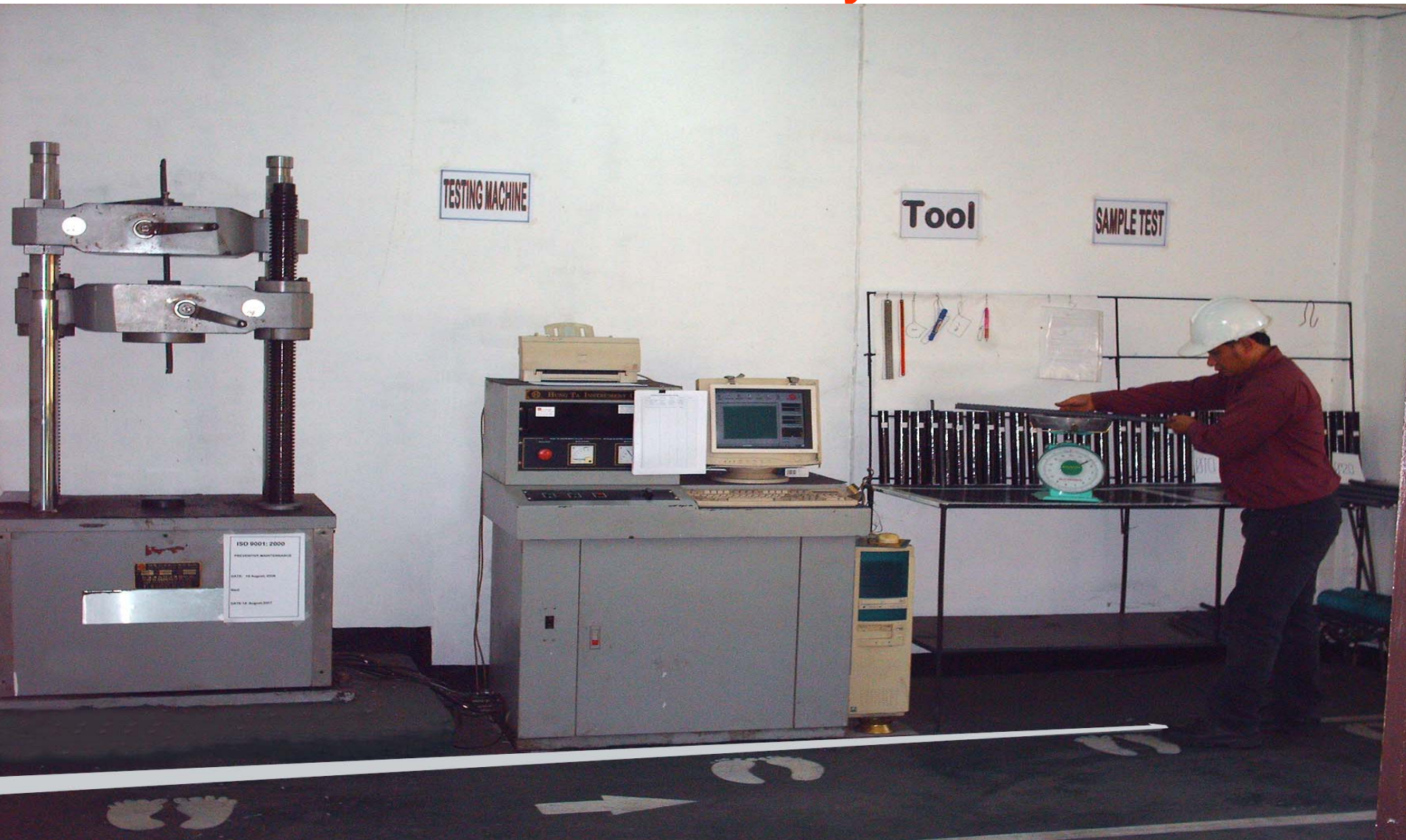


# Maintenances and inspection of machineries activities

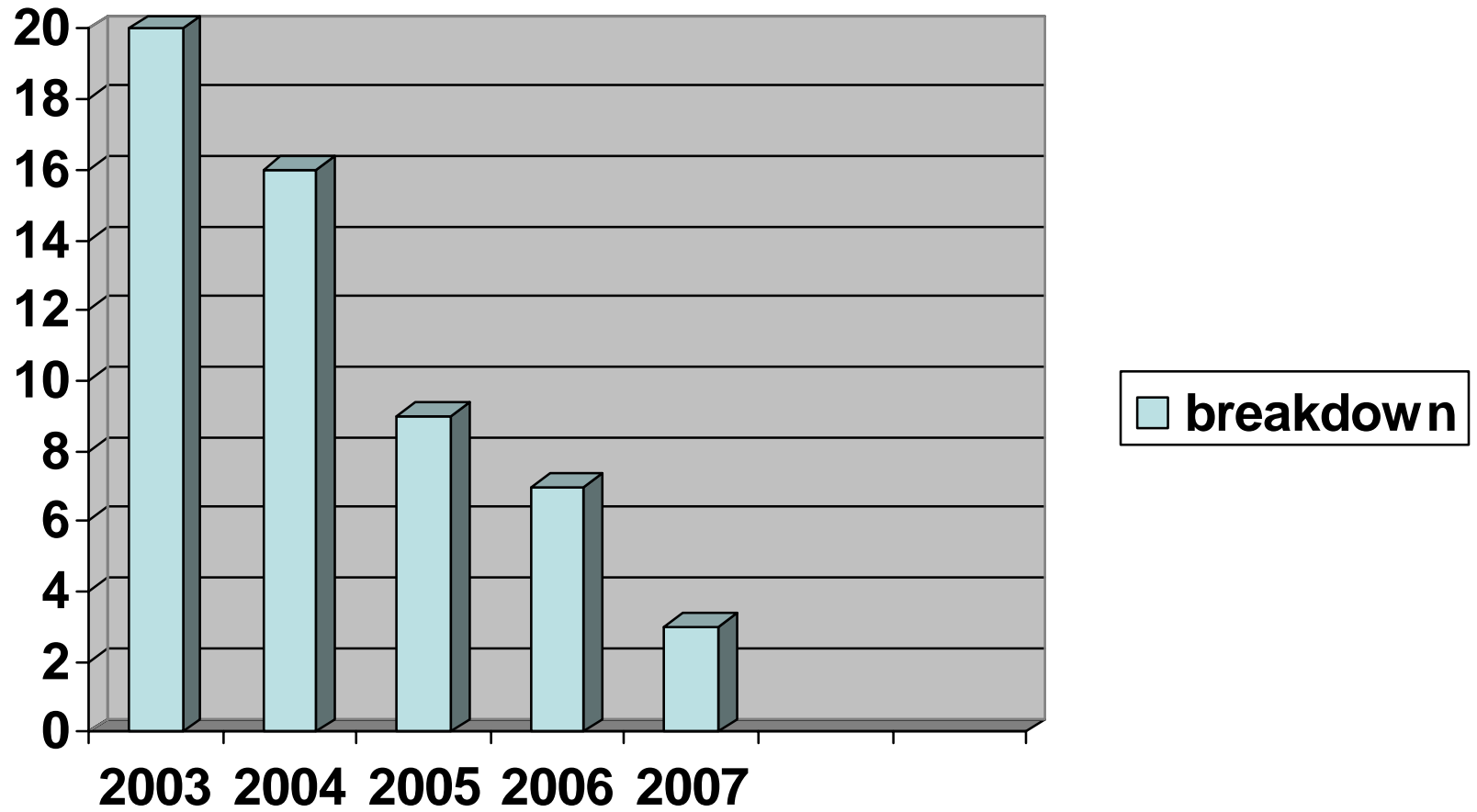




# Testing Machines in factory laboratory



# The numbers of machine breakdown



# Problems of safety management and inspection of machinery in factory.

- Education problem.
- Knowledge and awareness of safety problems.
- Lack of training materials.

# Conclusion

- Reduced the number of accidents.
- Reduced numbers of machine break-down.
- Continuously improve 5 S activities.

Thank you



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