



Risk Assessment in STEELCO

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Brief introduction about **STEELCO**

STEELCO . a steel producer in
Damascus Syria.

Its capacity is 450.000 TPY, super-
flexible rolling mill for rebar.

Currently, the facility is under
erection.

STEELCO's products



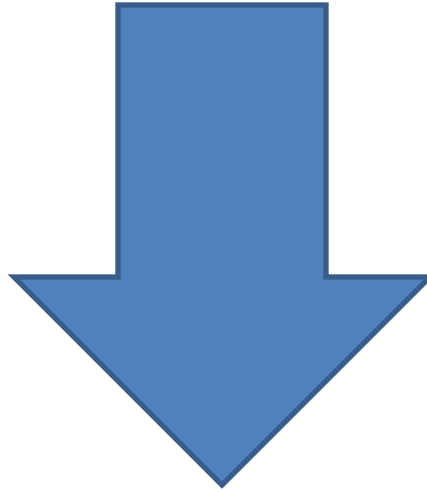
Different sizes of rebars



Applications of rebars



Photos + comments about STEELCO



Will be presented through the presentation



Lebajica Workshop 2014

Risk assessment in STEELCO

What is risk assessment

- A risk assessment is an important step in protecting workers and business.

How do we assess the risks in our company ?

Through the following five steps :

Step 1: Identify the risks

- First we need to work out how people could be harmed by :
- **Walk around** the workplace and look at what could reasonably be expected to cause harm.
- **Ask our employees** what they think. They may have noticed things that are not immediately obvious.
- **Check manufacturers' instructions** or data sheets for equipment as they can be very helpful in spelling out the risks and putting them in their true perspective.

Step 2: Decide who might be harmed and how

Step 3: Evaluate the risks and decide on precautions

Step 4: Record the findings and implement them

Step 5: Review your risk assessment and update if necessary

The **best proactive action** to reduce or
to prevent the risk is to implement
correctly the

KAIZEN + 5'S

KAIZEN (Original Definition)

改

= KAI = CHANGE

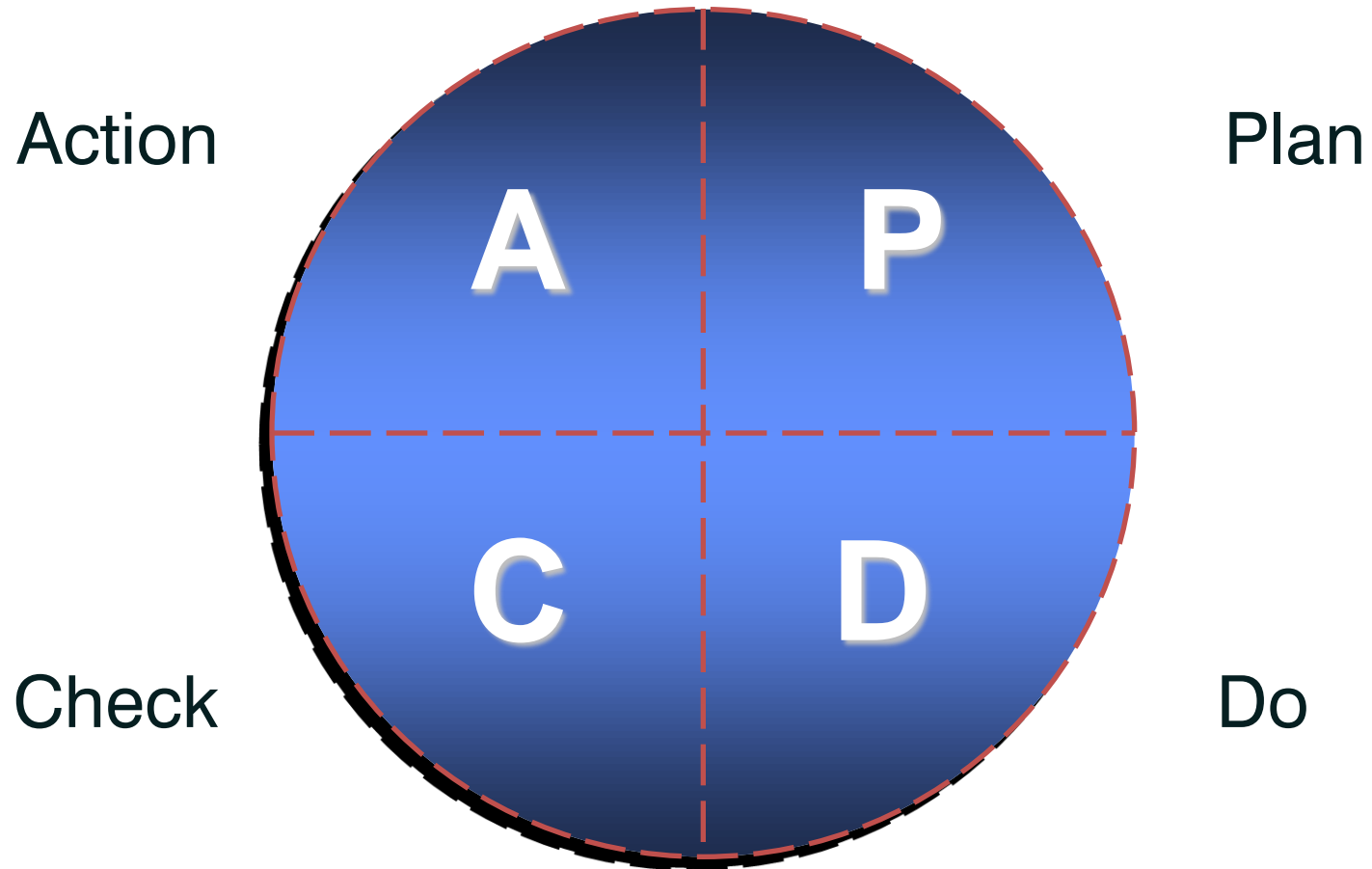
善

= ZEN = GOOD
(FOR THE BETTER)

改善

= KAIZEN =
CONTINUAL IMPROVEMENT

PDCA cycle



PDCA cycle

At first making **plan** of the job , and proceed (**Do**) it following that plan .

And review the result (**Check**) precisely .

So, reflect it to the next activity (**Action**)

5 W 1 H

Always think about the risks systematically

- **Who** ; Who is the **responsible** person?
- **What** ; What is the **objectives** of it?
- **When** ; When does he **do** it?
- **Where** ; Where does he **do** it?
- **Why** ; Why is it high **priority**?
- **How** ; What is the **process/precaution** to do it?



No	Arabic	Japanese	English
1	التصفية	SEIRI	Clearing up
2	الترتيب (التنظيم)	SETON	Organizing
3	التنظيف	SEISO	Cleaning
4	التقييس	SEIKETSU	Standardizing
5	التدريب و الانضباط	SHITSUKE	Training & Discipline

5'S Campaign

1- **SEIRI** (Clearing up)

Separate out all that is unnecessary
eliminate it

2- **SEITON** (Organization)

Those things found to be necessary put in
order so that they lie ready for when needed

5'S Campaign

3- *SEISO (Cleaning)*

Clean workplace, equipment and defects

4- *SEIKETSU (Standardize)*

Standardize Make cleaning and checking routine

5'S Campaign

5- SHITSUKE

Discipline and training Personal to apply kaizen to the previous 4 steps

Conclusion :

- Failure to take simple precautions can cost a lot more if an accident does happen.
- A few cheap or easy improvements that can be done quickly, perhaps as a temporary solution until more reliable controls are in place;
- Arrangements for training employees on the main risks that remain and how they are to be controlled;
- Regular checks to make sure that the control measures stay in place; and
- Clear responsibilities – who will lead on what action, and by when.

Use the best safety device !

THINK

شكراً لِحُسنِ إصغائكم
Thanks for attention

