

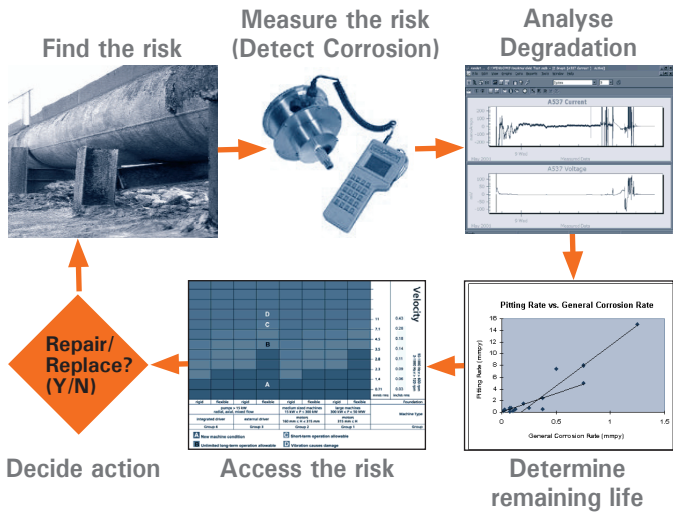
The background of the page is a blue-tinted photograph of an industrial facility, likely a refinery or chemical plant. It features a complex network of pipes, storage tanks, and distillation columns. The lighting is bright, creating a hazy, high-contrast effect. The text is overlaid on the right side of the image.

**IMPLEMENTATION OF  
PLANT  
RISK  
INTEGRITY  
MANAGEMENT**

**SGS**

# PRACTICAL AND USER FRIENDLY SYSTEM - TAILOR MADE FOR YOUR PLANT

## Example with corrosion on pressurized equipment



### Find the risk:

PRIMA identifies the risk associated with the equipment.

### Measure the risk:

PRIMA defines the appropriate inspection task and interval – targeting the failure mechanisms causing risks.

### Analyse degradation:

PRIMA calculates new risks as it changes.

### Determine remaining life:

PRIMA reports when equipment will experience a failure - if preventive inspection (or risk) not mitigated.

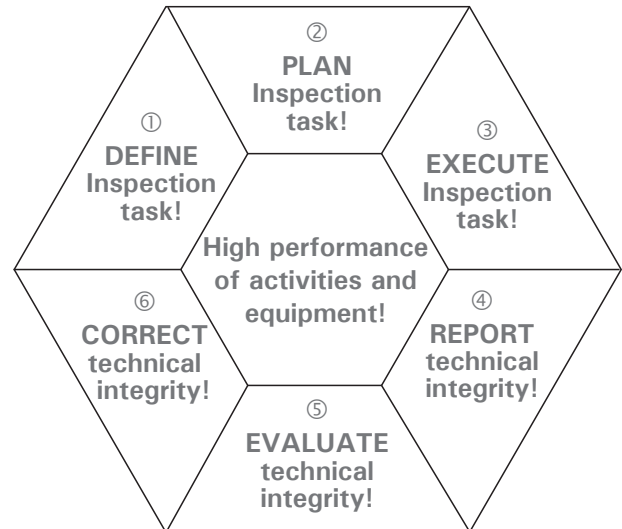
### Assess the risk:

PRIMA assesses economical and safety consequences of a possible failure, as well as its likelihood.

### Decide action:

PRIMA decides on action to be taken

## Quality Circle based approach to inspection activity planning



### DEFINE

...risk based inspection tasks for equipment units.

### PLAN

...risk based prioritization of work orders and resources

### EXECUTE

...risk based methodology.

### REPORT

...risk based criterias for reporting of technical condition.

### EVALUATE

...risk based criterias for performance improvements.

### CORRECT

...risk based criterias for decision taking

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