

Experience in accreditation of safety and security related activities

Christina Waddington
Accreditation manager
FINAS Finnish Accreditation Service

ERNCIP Conference Dec 2012

Accreditation of conformity assessment bodies

- EU Commission has declared Accreditation as the preferred tool for conformity assessment bodies to show how competence requirements have been met
- Conformity assessment bodies are certification bodies, inspection bodies and laboratories as well as verification bodies



ERNCIP Conference Dec 2012

Accreditation in the safety and security sector

Certification bodies operating in the safety area

- Management systems in IT security – ISO/IEC 27001:2005
- Occupational health and safety management systems OHSAS 18001:2007
- Food safety management systems EN ISO 22000:2006
- Product certification of safety solutions



ERNCIP Conference Dec 2012

Accreditation in the inspection area

Inspection bodies in the transportation area

- Inspection of lifting devices
- Inspection of pressure vessels
- Inspection of transportation of hazardous goods

Inspection bodies for electrical safety

Inspection bodies for fire systems

- Inspection of fire alarms
- Inspection of fire extinction systems

Inspection bodies in the nuclear industry

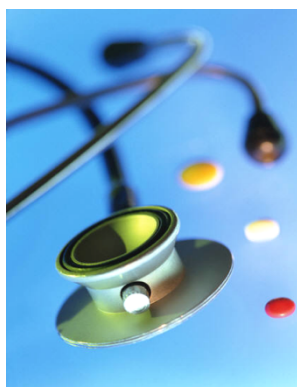
- Inspection of welding
- Non-destructive inspection



ERNCIP Conference Dec 2012

Accreditation of laboratories for safety testing

- Electrical safety
- Explosion protected equipment
- Environmental safety
- Road safety, bridges,
- nuclear safety, welding, pressure vessels, radiation safety
- Forensic laboratories
- Personal protection equipment
- Building safety, fire resistance



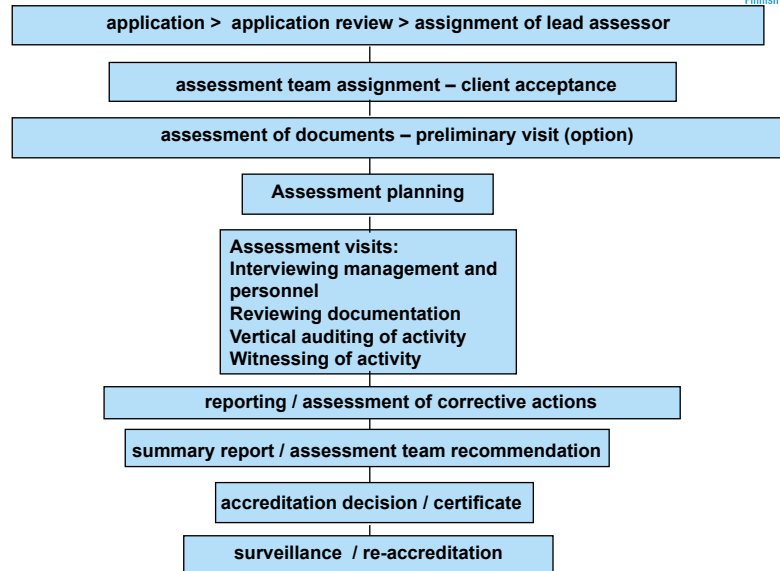
ERNCIP Conference Dec 2012

Main elements of the accreditation criteria (EN ISO/IEC 17020, 17021, 17024, 17025, 17065)

- Competent personnel
- Appropriate equipment, premises and environmental conditions
- Suitable and preferable widely accepted methods and procedures
- Adequate impartiality, independence and confidentiality
- Documented and implemented quality management system
- Effective quality assurance procedures in place
- Reporting procedures to meet clients needs

ERNCIP Conference Dec 2012

Accreditation process



ERNCIP Conference Dec 2012

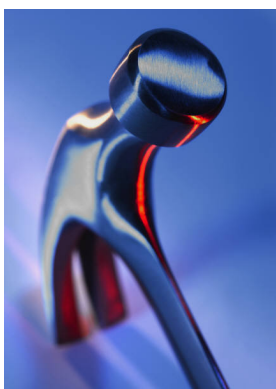
CAREFUL PLANNING OF ASSESSMENT

- The complexity of the activity
- The coverage of the assessment
- The risks involved
- Volume (small and big)
- Client and client's client needs
- Mandatory requirements
- By appointing the best possible assessment team both technically and operationally



ERNCIP Conference Dec 2012

COMPETENT ASSESSMENT TOOLS



- Interviewing management and personnel
- Reviewing documentation
- Vertical auditing of CAB activity (testing, calibration, etc)
- Witnessing of CAB activity (at head quarters, in the field)

CAB conformity assessment body

ERNCIP Conference Dec 2012

COMPETENCE OF THE ACCREDITATION BODIES



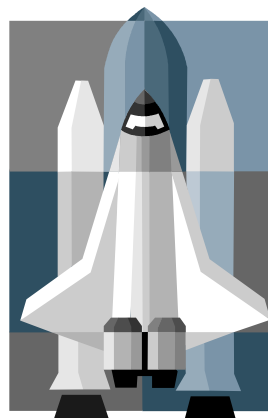
- Assessment competence and experience
- Assessor training to common principles
- Accreditation bodies structure ensuring impartiality and non-discriminatory assessment
- Maintaining confidentiality throughout the assessment

ERNCIP Conference Dec 2012

COMPETENCE OF THE ACCREDITATION BODY

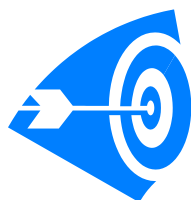
- Cooperation within EA with other AB:s for best practices, development of AB and harmonization of assessments
- Multilateral Agreements assure that CABs are treated justly and comparably

EA European co-operation for Accreditation
AB Accreditation body
CAB conformity assessment body



ERNCIP Conference Dec 2012

ACCREDITATION -



Confidence with
competence
- nationally and
internationally

ERNCIP Conference Dec 2012