

# AATNA

Nuclear  
Power Plants

## Provider of Complex Quality Services in NPP Industry

[www.aatna.org](http://www.aatna.org)

CONFORMITY ASSESSMENT    QMS SUPPORT    SPECIAL PROCESSES    QUALIFICATION OF PERSONNEL

**STRENGTHEN YOUR POSITION ON THE WORLD MARKET  
WE CAN MAKE IT TOGETHER!**

This promotional material is intended for applications in the Russian Federation.

# About us

# AATNA

ALTA

ALVEL

TÜV NORD Czech

ATG

ADVANCED TECHNOLOGY GROUP

## Introduction

**Process & Personnel Qualification / Certification / Product Compliance Assessment / Certification for ROSATOM SUPPLY CHAIN in International (European) NPP Build Projects**

## Why are we here? What is the goal of our activities?

To support NPP suppliers/investors in the construction process especially from the point of view of:

- Project management support
- Construction and management support and supervision
- QA/QC Management System Qualification
- Qualification of special processes
- Engineering Coordination

## To be successful in Design, Construction and all conformity assessment processes

During design, licensing, manufacture and construction in front of:

- Local authorities from the point of view of
  - Nuclear safety requirements (Nuclear law)
  - General safety requirements of dangerous devices (PED Pressure Equipment Directive for example in EU)
- Investor
- General Supplier





## Conformity assessment process for the whole NPP projects

### Conformity assessment – why?

During the approval, release and acceptance of delivery supplier shall be able to pass through conformity assessment process against ruling or controlling requirements / standards / agreements related to the Contract

### Conformity assessment – where and what for?

QMS (Quality Management System) of (sub-)contractors, certification of ISO 9001, ISO 14001, ISO 45001 etc.

### Key importance in

QMS of special processes such as welding, NDT, heat treatment etc.  
QMS of personnel qualification



### Conformity assessment – how?

Complete process support consisting of:

- Initial analysis of given subject/organization
- Proposal for corrective measures and QMS implementation support
- Qualification of Responsible Person and its preparation for conformity assessment process
- Continuous support during implementation and approval process

Through:

- **Direct support** of AATNA Consortium
- **AATNA information portal** - [www.aatna.org](http://www.aatna.org)
- **AATNA Center of Excellence**

### It means to be able to cover all requirements of following codes:

- a. **ASME BPVC**
- b. **ISO EN 13445**
- c. **ED** (European Directives) requirements or local relevant standards

### Support for QMS implementation according to the world standards:

Design | Materials | Manufacture | Assembly | Inspection

### Special processes implementation

Welding | NDT (Non Destructive Testing) | Heat Treatment | Painting  
Surface Treatment | Chemical Treatment

### Personnel qualification for special processes

- Welding - ISO 9606
- PED requirements
- ASME IX

### Heat Treatment

### Painting



# References

## Resources of AATNA

With experienced, skilled and qualified supporting organization in the world NPP market and knowledge of Russian NPP industry environment and ability to cover the most of requested tasks.

### CONSORTIUM AATNA from the Czech Republic

AATNA covers special processes such as NDT, welding and inspections following testing and supervision activities:

- **ALTA / ALVEL** – cooperation with NPP sector, nuclear fuel cycle engineering services, coordination and implementation of large turn-key projects
- **TÜV NORD Czech** – notified body and RTPO (Recognized Third Party Organization) acc. to PED (2014/68/EU), ASME BPVC inspection company, special process implementation, TPI (Third Party Inspection)
- **ATG** – personnel qualification of special processes operators, responsible person support, implementation of special processes, TPI (Third Party Inspection)



## Experience and skills on the Russian and world market

AATNA is often used by the employers as NDT Level 3 organization – Outside Agency for support of right special process operation. It covers following activities:

- ASME BPVC notified inspections
- PED (Pressure Equipment Directive 2014/68/EU)
- ISO 9000
- PNAE / PNAE G
- Notified Bodies according to EU law
- 450 certified professionals speaking Russian, English, German, Czech



## We are determined to support Russian NPP industry to successfully pass through

- Customer audits
- TPI -Third Party Inspections
- NB - Notified Bodies



**To be successful on this territory !**

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