

NUMERICAL SIMULATION FOR NUCLEAR EQUIPMENT

Call on a team of experts

Type of services:

- IPS / IPS-NC equipments check
- Verification in accordance with RCC-M and EUROCODES
- Drafting of notes on assumptions and methodology
- Drafting welding specifications
- Technical support for clients

Operational proficiency:

- Deliverables in accordance with the AIP requirements
- Qualification of OCS and OSS
- ISO 19443 compliant organization
- IT in accordance with IISO 1 / SGDSN / ANSSI

Advanced

- APC / seismic analysis
- Non-linear calculations
- Thermomechanical coupled analysis
- Fatigue strength under cyclic and random loads

Expert

- Thermo aerodynamic
- Optimization
- Fast dynamic analysis
- CFD calculations



M-Tecks EAC is approved Research Tax Credit and Innovation Tax Credit by the General Directorate for Research and Innovation.

Anslys

salome.meca
EXPERIENCE OPEN SIMULATION

R Robot Structural Analysis Professional

PROFIS
software

AIP : Activité Importante pour les Intérêts Protégés
IPS(-NC) : Important Pour la Sécurité (Non Classés)
OCS : Outils de Calculs Scientifiques
OSS : Outils en Support à la Sécurité

SGC
EN 9100
certified

Mechanical and mechatronic engineering (research in robotics, innovative process and products, technical calculations, process design)

M-Tecks EAC

Engineering
Assembly
Company

ZA de l'Escudier
18270 DONZENAC

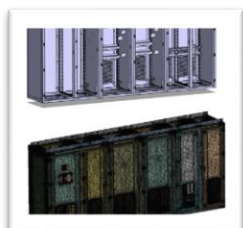
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www.M-TecksEAC.com

AREAS AND APPLIED NORMATIVE FRAMEWORKS

Electrical cabinets

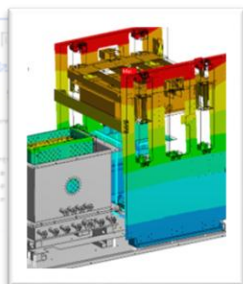


- Electrical cabinets and cubicles
- EUROCODE 3

► Nuclear



Measurement equipments



- Spectrometry stations, calorimetry stations, glove boxes, etc.
- RCC M

► Nuclear



Handling equipments

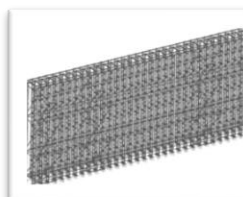


- Crane, tipper, gripper, conveyor, clamping table, stacker crane etc.
- EUROCODE 3

► Nuclear



Storage equipments

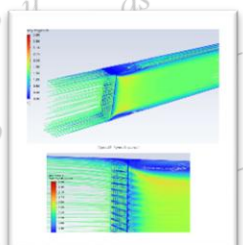


- Storage shelves
- Anchors calculation
- EUROCODE 3
- EUROCODE 2 part 4

► Nuclear



Fluid



- Airflow in an air distribution system
- According to notes on assumptions and methodology

► Nuclear

