

# Florent KRESS

Mechanical Industrial Structures  
2019-2022



MÉTAL

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*Designer and Manufacturer of :*  
Outstanding structures – Exchangers - Pressure vessels -  
Building envelopes – Jackets - Living quarters.



## STUDY AND MANUFACTURING FOLLOW-UP OF THE DOWNSTREAM GATE OF THE SABLONS LOCK

1. Primary design



2. Equipment design and  
verification



*Customer validation*

3. Drafting of the documentation :

- Welding book
- Dimensional control procedure
- ITP : Inspection and Test Plan



*Customer validation*

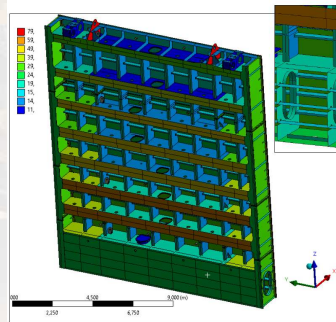
4. Manufacturing methodology



5. Manufacturing start-up



6. Manufacturing follow-up



**General specifications :**

- 15x12,9x1,66m in 4 elements
- Gross weight : 156,5 tons
- EN 1090, Fascicule 66
- S355 K2+N, S355 N , S355 NL

