



## CUSTOMER REFERENCE

Model of a valve body made from NECURON 1050® for the Oil & Gas industry

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|----------------------|--------------------------|
| <b>Customer:</b>     | CASING S.A., Argentina   |
| <b>Product used:</b> | NECURON® 1050            |
| <b>Branch:</b>       | Oil & Gas industry       |
| <b>Application:</b>  | Oil extraction equipment |

### 1. ISSUE

CASING S.A., an industrial SME manufacturer of oil extraction equipment, had a requirement to build quickly a production model of an Oil&Gas valve body, based on 3D files developed by them.

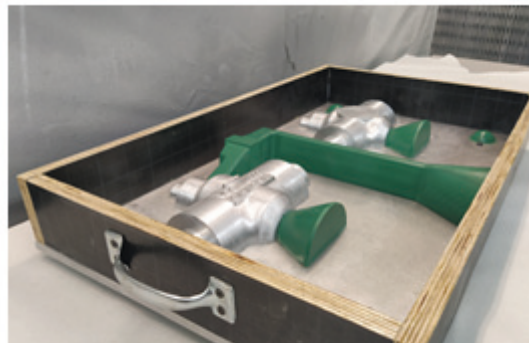
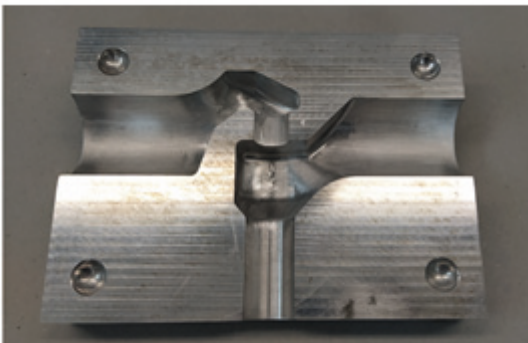
### 2. SOLUTION / RESULT

Our client FABRINCO modelled in 3D and simulated the whole process: from the casting model with covers, over materials, exit angles, feed channel, aligning keys and core box, to the simulation of the core, sand moulds and the cast part.

All the parts that make up the casting model were CNC machined, in aluminium for part models and NECURON® 1050 for accessories due to its versatility and speed in machining.

The big advantage for the customer in this project was that it was possible to produce very complex contours in a very cost - and time saving way by means of NECURON® 1050.

## APPLICATION IMAGES





# NECURON® 1050

BLOCK MATERIAL - CASE STUDY

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