

## Instruction:

- This matrix is completed by the tutor and a consultant during the presentation.
- Evaluator is asked to assess each criterion and to give a letter:
  - A : excellent ( $\geq 17.2$ ); remarkable work
  - B : very good (15.6 to 17.1); work above average, with only a few minor shortcomings
  - C : good (13.6 to 15.5); overall good work, despite some shortcomings
  - D : satisfactory (12.0 to 13.5); decent work, but with shortcomings
  - E : Sufficient (10.0 to 11.9); work just complying with the minimum criterions
  - F : Insufficient ( $< 10.0$ ); additional work is required to grant the credits
  - NA : not relevant/applicable
- Evaluator makes comments to point more specifically the missing elements.

Group n° :

Evaluator :

<b>1. Contextualization</b>		Comments
<b>The context and the problem are exposed in an enlightening and comprehensible manner</b>		
<ul style="list-style-type: none"> <li>– The industrial client/partner is presented</li> <li>– The problem is clearly stated and allows to define precisely the object of the design</li> <li>– The key elements of the requirement are highlighted</li> </ul>		
<b>2. Design process</b>		
<b>The design process and its challenges are addressed</b>		
<ul style="list-style-type: none"> <li>– The main phases of the conceptual design and the embodiment design are presented, mainly for:               <ul style="list-style-type: none"> <li>○ illustrating the design process and its challenges</li> <li>○ justifying the main choices made on the solution</li> </ul> </li> </ul>		
<b>3. Solution</b>		Comments
<b>The solution and its operation are clearly explained</b>		
<ul style="list-style-type: none"> <li>– The solution and its operation are presented precisely and clearly, using sectional views, snap-shots or videos, mockups, schematics presenting the motion sequences, hydraulic or pneumatic diagrams, kinematic diagrams, ...</li> <li>– The dimensioning of the most critical parts is presented</li> <li>– The cost of the solution is estimated</li> </ul>		
<b>4. Presentation</b>		
<b>The presentation is well prepared</b>		
<ul style="list-style-type: none"> <li>– The time allowed is respected</li> <li>– Speakers express themselves with ease and keep eye contact with participants</li> <li>– They are positioned correctly and exploit transparent</li> <li>– The slides highlight the essential</li> <li>– They are neat and complete the speaker's speech</li> <li>– They ideally complement the speaker's speech</li> <li>– The selection of the information presented is appropriate to the audience (neither too technical nor too commercial)</li> </ul>		
<b>7. Discussion</b>		Comments
<b>The group answers correctly to the questions</b>		
<ul style="list-style-type: none"> <li>– The group answers questions</li> <li>– The answers are correct and relevant</li> <li>– Each student contributes to the answers</li> <li>– A constructive attitude is adopted by the group</li> </ul>		

Summary		Comments
1. Contextualization		
2. Design approach		
3. Solution		
4. Presentation		
5. Discussion		