

# Curriculum vitae

## PERSONAL INFORMATION

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| Name                    | Calin MELINTE  |
| Address                 | Frasinului Street, Block 19, Apartment 21, 110355, Pitesti, Romania  |
| Telephone               | +40.723.270.590  |
| E-mail                  | <a href="mailto:calin.melinte@yahoo.com">calin.melinte@yahoo.com</a> |
| Nationality             | Romanian   |
| Date and place of birth | May 29 <sup>th</sup> 1971, Cluj-Napoca city, Romania                 |

## WORK EXPERIENCE

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| <ul style="list-style-type: none"><li>• Dates</li><li>• Name of employer</li><li>• Type of business or sector</li></ul>      | <p>from December 01, 2008 to present</p> <p>OMV PETROM Bucharest, ARPECHIM refinery, Pitesti city</p> <p>Integrated oil company, operating activities in exploration and production, refining, petrochemicals and marketing.</p> <p>Refinery Superintendent Area 3 (FCC, Gascon, Merox, ETBE and TAME units).</p> <ul style="list-style-type: none"><li>• Responsible for all daily operation activities of the units in accordance with Safety, Occupational Health, Environmental Conservation and Security regulations and procedures;</li><li>• Organise, check and co-ordinate all activities that occur in units, optimize daily operation of units, maintain and improve operational tools;</li><li>• Issue all the documents necessary to run units every day;</li><li>• Responsible for all units equipments, material consumptions and quality of final products;</li><li>• Organise regularly meetings with Regional Customer Managers to discuss &amp; improve units performance linked to catalyst, chemical treatments and technologies.</li><li>• Close coordination with other refinery departments (mechanical, process control, rotating equipment, metallurgy etc.) for daily maintenance, process revamp and modifications;</li><li>• Develop training modules (DCS &amp; APC &amp; HSSE) to keep a high quality of knowledge and operating skills for both operators (console &amp; field);</li></ul>                   |
| <ul style="list-style-type: none"><li>• Dates</li><li>• Name of employer</li><li>• Type of business or sector</li></ul>      | <p>from May 01, 2006 to December 01, 2008</p> <p>OMV PETROM Bucharest, ARPECHIM refinery, Pitesti city</p> <p>Integrated oil company, operating activities in exploration and production, refining, petrochemicals and marketing.</p>  |
| <ul style="list-style-type: none"><li>• Occupation or position held</li><li>• Main activities and responsibilities</li></ul> | <p>Process Operations Engineer – (Atmospheric and Vacuum Distillation, Visbreaking, Naphtha Hydrotreating, Platforming, VGO hydrotreating, FCC, Merox, ETBE, TAME, ISAL and Suphur recovery units)</p> <ul style="list-style-type: none"><li>• Daily monitoring of plants based on process parameters, lab analyses and indicate improper functioning and propose solutions to solve the process trouble shootings (including environmental issues), establish the unit efficiency;</li><li>• Performance reviews including test runs; catalyst performance monitoring;</li><li>• Create and develop simulation models of units;</li><li>• Have a close communication with units licensors and catalyst providers to run the units close to optimum;</li><li>• Analyse new ideas appeared in refinery technologies in order to increase performance and reliability of units;</li><li>• Recommend possible changes/modifications to be done to improve existing units;</li><li>• Reexamine design packages and modifications procedures;</li><li>• In case of new projects, participate and offer technical support during all phases: construction, pre-commissioning, commissioning and testing;</li><li>• Evaluate feasibility projects, modifications or proposals from economical and technical point of view;</li><li>• Keep up to date technical documentation and in case of new changes be a part of team who develop it;</li></ul> |

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|  | <ul style="list-style-type: none"> <li>Issue projects that have as results reduction of costs, materials, energy consumptions and growth of plant efficiency in safety, healthy and environmentally conditions; analyse proposed modifications for Hazop study;</li> <li>Update P&amp;ID's &amp; PFD's and prepare new operating instructions for revamped units;</li> <li>Supervise and monitor chemical treatments in units and also water and steam quality for steam production;</li> <li>Analyze technical offers for feedstock, catalysts and chemicals.</li> <li>Train operating personnel.</li> <li>Be a team with Instrumentation, Maintenance and Inspection engineers by providing technical support to solve problems appeared in facilities;</li> </ul>   |
| <ul style="list-style-type: none"> <li>Dates</li> <li>Name of employer</li> <li>Type of business or sector</li> <li>Occupation or position held</li> <li>Main activities and responsibilities</li> </ul> | <p>from 1998 to May 01,2006</p> <p>National Oil Company PETROM, Romania, branch ARPECHIM, Pitesti city</p> <p>Integrated oil company, operating activities in exploration and production, refining, petrochemicals and marketing.</p> <p>Shift Supervisor – Acrylonitrile Section (two acrylonitrile units, two sodium cyanide units, one thermal oxidation unit)</p> <ul style="list-style-type: none"> <li>Supervise and co-ordinate all activities during shift;</li> <li>Take necessary measures to run smoothly units and get planned quantities and qualities of products with respecting of HSSE procedures;</li> <li>Propose modifications in units operation to increase performance;</li> <li>Assure conditions for works inside units, sign and issue work permits;</li> <li>Evaluate shift staff in terms of personal efficiency.</li> </ul> |
| <ul style="list-style-type: none"> <li>Dates</li> <li>Name of employer</li> <li>Type of business or sector</li> <li>Occupation or position held</li> <li>Main activities and responsibilities</li> </ul> | <p>from 1997 to 1998</p> <p>National Oil Company PETROM, Romania, branch ARPECHIM, Pitesti city</p> <p>Integrated oil company, operating activities in exploration and production, refining, petrochemicals and marketing.</p> <p>Lead operator – Acrylonitrile 1 plant</p> <ul style="list-style-type: none"> <li>Responsible for ensuring that all plants activities are carried out according to operating manual, instructions and HSSE norms to enable production plans to be achieved safely, effectively and efficiently.</li> </ul>  |
| <ul style="list-style-type: none"> <li>Dates</li> <li>Name of employer</li> <li>Type of business or sector</li> <li>Occupation or position held</li> <li>Main activities and responsibilities</li> </ul> | <p>from 1996 to 1997</p> <p>National Oil Company PETROM, Romania, branch ARPECHIM, Pitesti city</p> <p>Integrated oil company, operating activities in exploration and production, refining, petrochemicals and marketing.</p> <p>Probation chemical engineer – Acrylonitrile Area</p> <ul style="list-style-type: none"> <li>Accumulate the theoretical and practical knowledge.</li> </ul>   |

## EDUCATION AND TRAINING

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|---|---|
| <ul style="list-style-type: none"> <li>Dates</li> <li>Name and type of organization providing education and training</li> <li>Title of qualification awarded</li> <li>Level in national classification</li> </ul> | <p>from 1991 to 1996</p> <p>Polytechnic University of Bucharest City, Romania</p> <p>Faculty of Chemical Engineering</p> <p>Bachelor of Science in chemical engineering</p> <p>Engineer (regular full-time daily courses)</p> |
| <ul style="list-style-type: none"> <li>Dates</li> <li>Name and type of organization providing education and training</li> <li>Principal subjects / occupational skills covered</li> </ul>                         | <p>March 1997</p> <p>Polytechnic University of Bucharest City, Romania</p> <p>Department of Chemical Engineering</p> <p>Hyprotech Steady State Process Simulations</p>  |
| <ul style="list-style-type: none"> <li>Dates</li> <li>Name and type of organization providing education and training</li> </ul>   | <p>May 1999</p> <p>University of Manchester Institute of Science and Technology, United Kingdom</p> <p>Department of Process Integration</p>  |

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| <ul style="list-style-type: none"> <li>Principal subjects / occupational skills covered</li> </ul>               | Process Integration - Summer Workshops |
| <ul style="list-style-type: none"> <li>Dates</li> </ul>  | February & May 2009                    |
| <ul style="list-style-type: none"> <li>Name and type of organization providing education and training</li> </ul> | ERTC(London) & Grace Davison (Germany) |
| <ul style="list-style-type: none"> <li>Principal subjects / occupational skills covered</li> </ul>               | FCC workshops                          |

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE  
OTHER LANGUAGE

**Romanian**

**English**

- Reading skills
- Writing skills
- Verbal skills

Excellent  
Excellent  
Excellent

ORGANISATIONAL SKILLS  
AND COMPETENCES

Strong troubleshooter, practical, results oriented, reliable.  
Good communicator and presentation skills, trainer.  
Proactive, open-minded, co-ordinator.  
Relationship builder, trustful, good listener, professional.  
Fast learner, ability to adapt quickly, flexible, mobile.  
Able to make decisions.  
Able to manage myself and others. Good team member.

TECHNICAL SKILLS AND  
COMPETENCES

Strong knowledge of refinery and petrochemical technologies.  
Direct experience of UOP technologies (FCC, Gas & LPG treating, Platforming, ISAL, FCC gasoline desulfurization, Naphta hydrotreating, Steam reforming).  
Experience on equipment such as:

- Fluidized/Fix Bed Catalytic Reactors & Regenerators, Columns, Compressors, Air blowers, Turbines, Pumps, Process heaters, Steam boilers, Heat Exchangers.
- DCS&APC operation control systems.

Excellent knowledge of computers applications like:

- Microsoft Office Professional suite.
- Process simulators (HYSYS, PetroSIM).
- Experienced in Microsoft Visio for preparing PFD & P&ID.

DRIVING LICENCE

B – category

## ADDITIONAL INFORMATION

REFERENCE

At request.