**Domain 1. Civil engineering and site management****Skill 1. Architecture**

Code	Specialization	Examples, description
1.1.1.	Industrial buildings, underground structures	
1.1.99.	Other	Please specify in details

Skill 2. Civil engineering

Code	Specialization	Examples, description
1.2.1.	Finishing and repair work	Heating, sanitary, carpentry, metal work, etc.
1.2.2.	Industrial buildings	
1.2.3.	Metallic structures	
1.2.4.	Road and drainage works	
1.2.5.	Underground structures	
1.2.99.	Other	Please specify in details

Skill 3. Site management

Code	Specialization	Examples, description
1.3.1.	Air production and distribution	Compressed, air conditioning, etc.
1.3.2.	Water distribution	Heated, super-heated, chilled, demineralised, etc.
1.3.3.	Water production	Heated, super-heated, chilled, demineralised, etc.
1.3.4.	Alarms and access control systems	
1.3.5.	Facilities management	Mail distribution, security, guards, gardening, cleaning
1.3.6.	Surveying, mapping, GIS & related databases	
1.3.99.	Other	Please specify in details

Domain 2. Electrical engineering

Skill 1. Accelerating structures

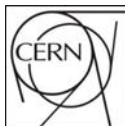
Code	Specialization	Examples, description
2.1.1.	Conventional accelerating cavities (copper)	
2.1.2.	Power extraction structures (30 GHz)	
2.1.3.	Travelling wave cavities	
2.1.4.	Microwave structures (1-30 GHz)	
2.1.5.	Standing wave cavities (SWC)	
2.1.6.	Superconducting cavities	
2.1.7.	Transmission line techniques	Coax lines, waveguides, etc.
2.1.99.	Other	Please specify in details

Skill 2. Cabling

Code	Specialization	Examples, description
2.2.1.	Fibre optics	
2.2.2.	High voltage	> 400 volts
2.2.3.	Low voltage	< 400 volts
2.2.4.	Micro-cabling	Bump bonding, wire bonding, etc.
2.2.99.	Other	Please specify in details

Skill 3. Electromagnetics

Code	Specialization	Examples, description
2.3.1.	Electromagnetic codes	FEM, numerical, etc.
2.3.2.	Electromagnetic Compatibility (EMC) - Conductive noise	Conductive noise, radiated noise, etc.
2.3.3.	Electromagnetic susceptibility (EMS)	
2.3.4.	Low frequency and high frequency devices	
2.3.99.	Other	Please specify in details

**Domain 2. Electrical engineering****Skill 4. Power systems**

Code	Specialization	Examples, description
2.4.1.	Cooling	
2.4.2.	DCCT (DC Current Transformer)	
2.4.3.	Grounding	
2.4.4.	High precision, high stability	
2.4.5.	High voltage technologies	Modulators, converters, transformers, etc.
2.4.6.	Large scale power system management	
2.4.7.	Low voltage distribution	
2.4.8.	Magnetic elements	
2.4.9.	Pulsed converters	
2.4.10.	Radiation hardness	
2.4.11.	RF source technologies	Thyratrons, klystrons, tetrodes, etc.
2.4.12.	Rotating machinery	Alternators, etc.
2.4.13.	Switch mode converters and PWM (Pulse Width Modulation) rectifier systems	
2.4.14.	Thyristor converters	
2.4.15.	Uninterruptible power supplies (UPS)	
2.4.16.	Very high power converters	
2.4.99.	Other	Please specify in details

Domain 3. Electronic engineering

Skill 1. Analog

Code	Specialization	Examples, description
3.1.1.	ADC (Analog Digital Converter) and DAC (Digital Analog Converter) circuit design techniques	
3.1.2.	Analog radiation hardness	
3.1.3.	Analogue sensor instrumentation	
3.1.4.	Circuit design techniques	Design and creation of schematics
3.1.5.	Simulation techniques	
3.1.6.	Techniques for the integration and testing of functional modules and assemblies	Testing, system integration
3.1.99.	Other	Please specify in details

Skill 2. Digital

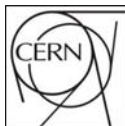
Code	Specialization	Examples, description
3.2.1.	Backplane buses	CAMAC, G64, VME, PCI, PCIX, etc.
3.2.2.	Circuit design techniques	Design and creation of schematics
3.2.3.	Digital radiation hardness	
3.2.4.	Digital Signal Processors	DSP, FPGA
3.2.5.	Link technologies	Photonics, opto-electronics, electrical links
3.2.6.	Signal analysis and automatic control	MATLAB, FPGA, etc.
3.2.7.	Simulation techniques, Field Programmable Gate Array	FPGA, PLD, VHDL, etc.
3.2.8.	Techniques for the integration and testing of functional modules and assemblies	Testing, system integration
3.2.99.	Other	Please specify in details

Skill 3. High frequency techniques

Code	Specialization	Examples, description
3.3.1.	Design and layout techniques	
3.3.2.	Modules	
3.3.3.	Radiofrequency amplifiers	
3.3.99.	Other	Please specify in details

Skill 4. Micro-electronics

Code	Specialization	Examples, description
3.4.1.	Chip design techniques	ASIC
3.4.2.	Chip packaging techniques	Bump bonding, wire-bonding
3.4.3.	Micro-electronics radiation hardness	
3.4.99.	Other	Please specify in details

**Domain 3. Electronic engineering****Skill 5. Production techniques**

Code	Specialization	Examples, description
3.5.1.	Assembly techniques of components on printed circuit boards	Through-hole, surface mount, repair
3.5.2.	Assembly techniques of connectors, cables and racks	
3.5.3.	High-density printed circuit board fabrication techniques (clean room)	MCM, ceramic
3.5.4.	Layout of printed circuit boards	Routing, generation of manufacturing files
3.5.5.	Standard printed circuit board fabrication techniques	FR4, kapton
3.5.99.	Other	Please specify in details

Domain 4. Finance

Skill 1. Budget and planning

Code	Specialization	Examples, description
4.1.1.	Budget, forecast, statistics	
4.1.2.	Strategic and operational planning	
4.1.99.	Other	Please specify in details

Skill 2. Cost accounting

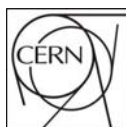
Code	Specialization	Examples, description
4.2.1.	Posting and allocation, assessment	
4.2.2.	Resource analysis	
4.2.99.	Other	Please specify in details

Skill 3. Financial management

Code	Specialization	Examples, description
4.3.1.	Financial information and reporting	
4.3.2.	Financial markets and tools	Hedging, portfolio, etc.
4.3.3.	Short and long-term liability	
4.3.4.	Treasury and other assets	
4.3.99.	Other	Please specify in details

Skill 4. General accounting

Code	Specialization	Examples, description
4.4.1.	Beneficiary accounting	
4.4.2.	Book-keeping	Including Payables and Receivables
4.4.3.	Inventory and capital goods	
4.4.4.	Taxes and fiscal matters	
4.4.5.	Team and collaboration accounting	
4.4.99.	Other	Please specify in details

**Domain 5. General management and administration****Skill 1. Administrative services**

Code	Specialization	Examples, description
5.1.1.	Multimedia productions	Posters, films, etc.
5.1.2.	Scientific information	
5.1.3.	Secretarial and administrative assistance	
5.1.99.	Other	Please specify in details

Skill 2. Audit

Code	Specialization	Examples, description
5.2.1.	Compliance, certification, reporting	
5.2.2.	Internal control	
5.2.3.	Risk analysis (financial, legal, HR, reputation)	
5.2.99.	Other	Please specify in details

Skill 3. Document management

Code	Specialization	Examples, description
5.3.1.	Archiving	
5.3.2.	Library and documentation	
5.3.3.	Minute-writing	
5.3.4.	Page layout	Photoshop, Illustrator, Framemaker, Latex
5.3.5.	Text editing	
5.3.6.	Translation	Specify language pairs in details field
5.3.99.	Other	Please specify in details

Skill 4. External relations

Code	Specialization	Examples, description
5.4.1.	Marketing, promotion, sponsoring	
5.4.2.	Public and press relations, outreach	
5.4.3.	Relations with European Union, institutes, states	
5.4.99.	Other	Please specify in details

Domain 5. General management and administration

Skill 5. Legal

Code	Specialization	Examples, description
5.5.1.	Contract law	Commercial contracts, bankruptcy proceedings, debt recovery,..
5.5.2.	International and institutional law	Convention, Staff Rules, Pension Fund Rules, privileges, immunities, etc.
5.5.3.	National laws	Host States' laws
5.5.4.	Intellectual property law, patents	
5.5.5.	Litigation	Arbitration, appeals, disputes
5.5.6.	Treaties, agreements	Scientific agreements, Memoranda of Understanding (MoU), etc.
5.5.99.	Other	Please specify in details

Skill 6. Logistics

Code	Specialization	Examples, description
5.6.1.	Heavy handling, cranes, heavy vehicles, lifts	
5.6.2.	Import / export, customs	
5.6.3.	Reception, delivery and shipping (including transport)	
5.6.4.	Warehousing, stores	
5.6.99.	Other	Please specify in details

Skill 7. Processes, organisation and methods

Code	Specialization	Examples, description
5.7.1.	Functional requirements analysis, specifications	
5.7.2.	Procedures, Quality Assurance (QA), ISO 9000	
5.7.3.	Process re-engineering, Quality Management (QM)	
5.7.4.	Project administration and control	Project scheduling, planning, costing, risk analysis, etc.
5.7.99.	Other	Please specify in details

Skill 8. Supply management

Code	Specialization	Examples, description
5.8.1.	Purchasing and procurement	Contracts, orders, etc.
5.8.2.	Sourcing, subcontracting, industrial services, (insourcing / outsourcing)	Specify technical field if applicable (electronics production, etc.)
5.8.99.	Other	Please specify in details

Skill 9. User support

Code	Specialization	Examples, description
5.9.1.	Problem tracking, service level monitoring	Remedy, etc.
5.9.2.	User documentation	
5.9.99.	Other	Please specify in details

Domain 6. Human resources

Skill 1. Human resources coordination

Code	Specialization	Examples, description
6.1.1.	Guidance on HR-related issues	
6.1.2.	Recruitment and selection	Job design, attraction, interviewing, candidates' testing
6.1.99.	Other	Please specify in details

Skill 2. Human resources planning

Code	Specialization	Examples, description
6.2.1.	Employment contract management	Staff, fellows, associates, students, etc.
6.2.2.	Human resources forecasting	
6.2.3.	Succession planning	
6.2.99.	Other	Please specify in details

Skill 3. Remuneration and benefits

Code	Specialization	Examples, description
6.3.1.	Benefits, allowances and compensations	Claims validation
6.3.2.	Health insurance	
6.3.3.	Job analysis, evaluation and classification	
6.3.99.	Other	Please specify in details

Skill 4. Social affairs

Code	Specialization	Examples, description
6.4.1.	Staff counselling	Referral to specialised social services
6.4.2.	Staff welfare	Integration, induction, social assistance, etc.
6.4.99.	Other	Please specify in details

Skill 5. Staff development

Code	Specialization	Examples, description
6.5.1.	Apprenticeship programmes	Training, placement
6.5.2.	Career development	
6.5.3.	Performance appraisal	Annual interview, advancement, promotion
6.5.4.	Team actions, coaching	
6.5.5.	Training	Needs analysis, design, delivery of training
6.5.99.	Other	Please specify in details

Skill 6. Staff relations

Code	Specialization	Examples, description
6.6.1.	Internal appeals and grievances, disciplinary procedures, mediation	
6.6.2.	Relations between management and staff representatives	
6.6.99.	Other	Please specify in details

Domain 7. Information technologies

Skill 1. Application development and parametrisation

Code	Specialization	Examples, description
7.1.1.	Artificial Intelligence (AI), expert systems, neural networks, etc.	
7.1.2.	Commercial ERPs (Enterprise Resource Planning)	Oracle HR, QUALIAC, BAAN, MP5, AGILE, etc.
7.1.3.	Distributed and GRID applications	
7.1.4.	Modelling/simulation	ANSYS, TOSCA, FLUKA, GEANT, Monte Carlo, finite state machines, tracking codes, etc.
7.1.99.	Other	Please specify in details

Skill 2. CAD/CAM/CAE

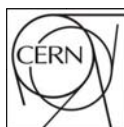
Code	Specialization	Examples, description
7.2.1.	2D	AUTOCAD, etc.
7.2.2.	3D	EUCLID, CATIA, etc.
7.2.3.	CADENCE, PCAD	Use, support, etc.
7.2.99.	Other	Please specify in details

Skill 3. Communication networks and telecommunications

Code	Specialization	Examples, description
7.3.1.	Image transmission, Video conferencing	
7.3.2.	Voice transmission, phone technology	Fixed and Mobile phone, GSM, fax, PABX
7.3.3.	Local Area Network (LAN) / network topology	
7.3.4.	Wide-area networks (WAN), Internet	
7.3.5.	Fiber-optic transmission technology	
7.3.6.	Firewalls	
7.3.7.	Routers and switches	
7.3.8.	Wireless network technology	
7.3.99.	Other	Please specify in details

Skill 4. Control systems

Code	Specialization	Examples, description
7.4.1.	Drivers, Input/Output (I/O) libraries and configuration	
7.4.2.	Embedded systems	
7.4.3.	Field buses	Profibus, CAN, WorldFip, Ethernet, etc.
7.4.4.	Industrial Process Control Software	OPC, MOMs, etc.
7.4.5.	PLCs (Programmable Logic Controllers)	Siemens, Schneider, Wago, etc.
7.4.6.	Regulation (Closed and open loop, digital and analog)	
7.4.7.	Sensors and actuators	
7.4.8.	Supervisory Control And Data Acquisition (SCADA) systems	PVSS, WIZCON, PCVue, LabVIEW, etc.
7.4.99.	Other	Please specify in details

**Domain 7. Information technologies****Skill 5. Data acquisition**

Code	Specialization	Examples, description
7.5.1.	Data acquisition cards	NI (National Instruments), Wago, Beckhoff, etc.
7.5.2.	Data links and adapters	
7.5.3.	Data logging systems	
7.5.99.	Other	Please specify in details

Skill 6. Data storage

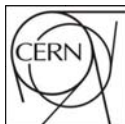
Code	Specialization	Examples, description
7.6.1.	Disk technology	
7.6.2.	Tape technology	
7.6.3.	Hierarchical storage	
7.6.4.	System and data backup/archive	
7.6.99.	Other	Please specify in details

Skill 7. Databases

Code	Specialization	Examples, description
7.7.1.	Data warehousing	
7.7.2.	Database systems	Oracle, MySQL, OODB, etc.
7.7.99.	Other	Please specify in details

Skill 8. Office computing

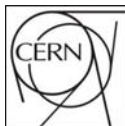
Code	Specialization	Examples, description
7.8.1.	Desktop applications and office tools support	Word, Excel, Access, Filemaker, etc.
7.8.2.	Desktop applications and office tools usage	Word, Excel, Access, Filemaker, etc.
7.8.3.	Desktop computer hardware	CPUs, displays
7.8.4.	Multi-media technologies	Webcasting, etc.
7.8.5.	Printing devices	Printers, photo-copiers, scanners, fax, etc.
7.8.6.	Web publishing tools	Dreamweaver, Frontpage, etc.
7.8.99.	Other	Please specify in details

**Domain 7. Information technologies****Skill 9. Software development technologies**

Code	Specialization	Examples, description
7.9.1.	Object-oriented languages	C++, Java, C#, VB.Net, etc.
7.9.2.	Procedural languages	C, FORTRAN, BASIC, etc.
7.9.3.	Scripting languages	Perl, Javascript, Visual basic, Unix shell, etc.
7.9.4.	Communication protocols	TCP-IP, CORBA, JMS, etc.
7.9.5.	Graphical User Interface (GUI), Man Machine Interface (MMI)	
7.9.6.	Software development processes and techniques/software engineering	UML, Rational Rose, etc.
7.9.7.	Software testing tools and techniques	
7.9.8.	Web services	J2EE, JSP, .NET, ASPX, XML, etc.
7.9.99.	Other	Please specify in details

Skill 10. System/service management and administration

Code	Specialization	Examples, description
7.10.1.	Linux/Unix operating system, including real-time operating systems	Real time : LynxOS, OS9, etc.
7.10.2.	MacIntosh Operating System	
7.10.3.	Windows operating system	
7.10.4.	Distributed services and GRID service management	
7.10.5.	Electronic messaging	
7.10.6.	Security	
7.10.7.	Software deployment and licencing	
7.10.8.	System administration, including database administration	
7.10.9.	System architecture and planning	
7.10.10.	System performance monitoring and tuning	
7.10.11.	Systems programming	
7.10.12.	Web server management	
7.10.99.	Other	Please specify in details

**Domain 8. Mechanical engineering****Skill 1. Automechanics**

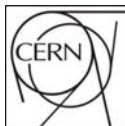
Code	Specialization	Examples, description
8.1.1.	Vehicle repair and maintenance	
8.1.99.	Other	Please specify in details

Skill 2. Mechanical construction

Code	Specialization	Examples, description
8.2.1.	Electron beam welding	
8.2.2.	Laser welding	
8.2.3.	TIG and MIG welding	
8.2.4.	Brazing	
8.2.5.	High precision mechanics	
8.2.6.	Sheet metal forming	
8.2.7.	CNC (Computerized Numerical Control) and conventional machine tools	Use, maintenance, operation, etc.
8.2.8.	Electro-erosion	
8.2.9.	Gas systems	
8.2.10.	Glueing technologies	
8.2.11.	Large structures	
8.2.12.	Mock-up construction	
8.2.13.	Pipe fitting	
8.2.14.	Radio frequency (RF) cavities	
8.2.99.	Other	Please specify in details

Skill 3. Structure, calculation, modelling

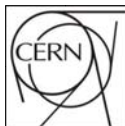
Code	Specialization	Examples, description
8.3.1.	Analytical and numerical structural methods	Strength, strain, stress, etc.
8.3.2.	Structural analysis	
8.3.99.	Other	Please specify in details

**Domain 9. Other sciences****Skill 1. Biological sciences**

Code	Specialization	Examples, description
9.1.1.	Biomedical engineering	
9.1.2.	Computational biology	
9.1.3.	Medical image analysis, visualisation and simulation	
9.1.4.	Molecular biology	
9.1.5.	Radiation exposure	
9.1.99.	Other	Please specify in details

Skill 2. Chemistry

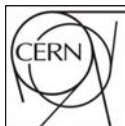
Code	Specialization	Examples, description
9.2.1.	Analytical chemistry	
9.2.2.	Analytical inorganic chemistry	
9.2.3.	Bioinorganic chemistry	
9.2.4.	Bioorganic chemistry	
9.2.5.	Catalysis, biopolymers	
9.2.6.	Catalysis, total synthesis	
9.2.7.	Chemical biology	
9.2.8.	Glycochemistry	
9.2.9.	Main group chemistry	
9.2.10.	Molecular recognition	
9.2.11.	Organometallics	
9.2.12.	Physical organic, combinatorial catalyst development	
9.2.13.	Polymer chemistry	
9.2.14.	Solid state chemistry	
9.2.99.	Other	Please specify in details

**Domain 9. Other sciences****Skill 3. Material science and technologies**

Code	Specialization	Examples, description
9.3.1.	Ceramics	
9.3.2.	Chemical surface treatments	
9.3.3.	Cleaning for UHV (Ultra High Vacuum) applications	
9.3.4.	Composites	
9.3.5.	Electroplating	
9.3.6.	Magnetic materials	
9.3.7.	Materials degassing	
9.3.8.	Metallurgy - mechanical properties	
9.3.9.	Metallurgy - non-destructive testing	
9.3.10.	Metallurgy - order, structure, thermodynamics, processing	
9.3.11.	Non-destructive test techniques	
9.3.12.	Polymers - electrical properties	
9.3.13.	Polymers - mechanical properties	
9.3.14.	Polymers - processing, forming, molding, injection	
9.3.15.	Superconducting materials	
9.3.16.	Surface analysis	
9.3.17.	Thin films and coatings	
9.3.99.	Other	Please specify in details

Skill 4. Mathematics

Code	Specialization	Examples, description
9.4.1.	Analysis and geometry	
9.4.2.	Arithmetic and geometry	
9.4.3.	Combinatorial algorithms	
9.4.4.	Complexity and algorithms	
9.4.5.	Financial and insurance mathematics	
9.4.6.	Information security and cryptography	
9.4.7.	Linear processing	
9.4.8.	Mathematical modelling and analysis	
9.4.9.	Probability, statistics and uncertainty propagation	
9.4.10.	Signal theory	
9.4.99.	Other	Please specify in details

**Domain 9. Other sciences****Skill 5. Solid state physics**

Code	Specialization	Examples, description
9.5.1.	Condensed matter at low temperature	
9.5.2.	Microstructure and phase transformation	
9.5.3.	Nanophysics	
9.5.4.	Optical spectroscopy	
9.5.5.	Surface physics, material and micro-structural analysis	Crystals, etc.
9.5.99.	Other	Please specify in details

Skill 6. Space sciences

Code	Specialization	Examples, description
9.6.1.	Astronomy	
9.6.2.	Astrophysics	
9.6.99.	Other	Please specify in details

Domain 10. Physics

Skill 1. Accelerators and beam physics

Code	Specialization	Examples, description
10.1.1.	Accelerator physics theory	
10.1.2.	Beam dynamics	Beam-beam, e- cloud, space charge, collective effects, orbit correction, e- beam polarisation, RF interactions
10.1.3.	Beam handling	Acceleration, injection, extraction methods, transfer, dump, beam cooling, etc.
10.1.4.	Beam monitoring	Instrumentation, pick-ups, screens, crystal channeling, profile monitors, etc.
10.1.5.	Beam sources (positron, hadron, antiproton, etc.) and production	
10.1.6.	Machine operation experience	e+e- colliders, linacs, synchrotrons, linear colliders, ion cooler rings, etc.
10.1.99.	Other	Please specify in details

Skill 2. Optics

Code	Specialization	Examples, description
10.2.1.	Laser optics	
10.2.2.	Laser systems	CO2, CVL, diode, dyes, excimer, HP, solid state
10.2.3.	Non linear optics	
10.2.4.	X-rays	
10.2.99.	Other	Please specify in details

Skill 3. Particle physics

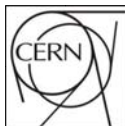
Code	Specialization	Examples, description
10.3.1.	Detector physics	Tracking detectors, calorimeters, particle identification, etc.
10.3.2.	Event analysis	
10.3.3.	Event reconstruction	
10.3.4.	Experimental particle physics	Neutrino factory, plasma physics, etc.
10.3.99.	Other	Please specify in details

Skill 4. Theoretical physics

Code	Specialization	Examples, description
10.4.1.	Computational and mathematical physics	
10.4.2.	Condensed matter physics	
10.4.3.	Particle physics, cosmology, phenomenology	
10.4.99.	Other	Please specify in details

Skill 5. Thermodynamics

Code	Specialization	Examples, description
10.5.1.	Thermodynamics and fluid dynamics	Applied to large cryogenic systems
10.5.99.	Other	Please specify in details

**Domain 11. Safety****Skill 1. Emergency and rescue**

Code	Specialization	Examples, description
11.1.1.	Ambulance	
11.1.2.	Fire fighting	
11.1.3.	First aid	
11.1.4.	Pollution control	
11.1.99.	Other	Please specify in details

Skill 2. Environmental protection

Code	Specialization	Examples, description
11.2.1.	Monitoring and impact studies	
11.2.99.	Other	Please specify in details

Skill 3. Industrial safety

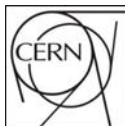
Code	Specialization	Examples, description
11.3.1.	Accident prevention	
11.3.2.	Fire prevention	
11.3.3.	Chemistry and gas safety	
11.3.4.	Cryogenics safety	
11.3.5.	Electrical and mechanical safety	
11.3.6.	Ergonomy and noise	
11.3.7.	Hazardous materials and waste	Transport, storage, etc.
11.3.8.	Industrial hygiene	
11.3.9.	Non-ionising radiation	
11.3.10.	Safety inspections	
11.3.99.	Other	Please specify in details

Skill 4. Integrated safety

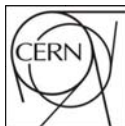
Code	Specialization	Examples, description
11.4.1.	Safety regulations and compliance	
11.4.2.	Safety risk analysis	
11.4.99.	Other	Please specify in details

Skill 5. Occupational health and safety

Code	Specialization	Examples, description
11.5.1.	Nursing	
11.5.2.	Occupational medicine	
11.5.99.	Other	Please specify in details

**Domain 11. Safety****Skill 6. Radiation protection**

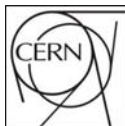
Code	Specialization	Examples, description
11.6.1.	Gamma spectrometry	
11.6.2.	Management of radioactive sources	
11.6.3.	Personal dosimetry	
11.6.4.	Radiation material damage	
11.6.5.	Radiation survey and monitoring	
11.6.6.	Radioactive sources	Transport, storage, etc.
11.6.7.	Radioactive waste	Transport, storage, shipping, etc.
11.6.8.	Simulation calculations	
11.6.99.	Other	Please specify in details

**Domain 12. Special technologies****Skill 1. Complex systems**

Code	Specialization	Examples, description
12.1.1.	Assembly in clean rooms	
12.1.2.	Beam transfer elements	kickers, electrostatic septa, septum magnet, etc.
12.1.3.	Mechanical / electromechanical systems assembly	
12.1.4.	Normal conducting and permanent magnets	
12.1.5.	Superconducting magnets	
12.1.6.	Thermal expansion/contraction compensation systems (expansion joints)	
12.1.99.	Other	Please specify in details

Skill 2. Cryogenics engineering

Code	Specialization	Examples, description
12.2.1.	Cryogenic plants	
12.2.2.	Cryostats	
12.2.3.	Distribution systems	
12.2.4.	Gas/liquid storage/distribution, liquid helium purification	
12.2.5.	Infrastructure	
12.2.6.	Instrumentation	
12.2.7.	Processes (heat transfer, etc.)	
12.2.8.	Refrigerators	
12.2.9.	Rotating machinery	Compressors, etc.
12.2.10.	Targets	
12.2.99.	Other	Please specify in details



Domain 12. Special technologies

Skill 3. Metrology

Code	Specialization	Examples, description
12.3.1.	Dimensionnal 3D CNC (Computerized Numerical Control) measuring machines	
12.3.2.	Geodesy, photogrammetry, large scale metrology, alignment	
12.3.3.	High frequency measurement techniques	
12.3.4.	Instrument calibration, standards	
12.3.5.	Instrumentation	Oscilloscopes, transient recorders, logic analysers, digitizers, diagnostic and monitoring systems
12.3.6.	Linearisation methods	
12.3.7.	Noise filtering	
12.3.8.	Radiofrequency measurement techniques	
12.3.9.	Techniques and measurements applied to cryogenics	
12.3.10.	Techniques and measurements applied to magnetic fields	
12.3.11.	Techniques and measurements applied to superconductivity	
12.3.12.	Techniques and measurements applied to vacuum	
12.3.99.	Other	Please specify in details

Skill 4. Vacuum technologies

Code	Specialization	Examples, description
12.4.1.	Conductance calculations and simulations	
12.4.2.	High vacuum	
12.4.3.	Leak detection	
12.4.4.	Non Evaporative Getters (NEG)	
12.4.5.	Pumping systems	Mechanical and ion pumps
12.4.6.	Standard vacuum	
12.4.7.	Ultra high vacuum	
12.4.99.	Other	Please specify in details