



**Engineering Council**



**CNI**



**CNISF**

# **AGREEMENT**

## **Regarding the Recognition and Mobility of Professional Engineers**

**Made between:**

**The Consiglio Nazionale degli Ingegneri (CNI),**

**The Conseil National des Ingénieurs et Scientifiques de  
France (CNISF) and**

**The Engineering Council (EngC)**

**On the 19<sup>th</sup> day of December 2000**

## **AGREEMENT**

**between**

**The Consiglio Nazionale degli Ingegneri (CNI),  
The Conseil National des Ingénieurs et Scientifiques de France (CNISF) and  
The Engineering Council (EngC)**

### PREAMBLE

CNI of Italy, CNISF of France and EngC of the UK,

- acting as representative bodies of the community of engineers within their respective countries and as founding Parties to the Agreement,
- convinced of the growing importance of increasing the opportunities for their engineers to work abroad, in particular, in the jurisdictions of the other Parties, and more widely in Europe and the rest of the world,
- having reviewed the existing arrangements to reduce barriers to the mobility of individual engineers to work in other countries, namely the European Directive 89/48 EEC, bilateral agreements (CNI/CNISF and CNISF/EngC) and through other organisation, both within and outside Europe,

agree, as follows, to a process of mutual recognition of the professional competence of the engineers listed in their Professional Registers.

### PURPOSE

This Agreement provides means to facilitate engineers from any one of the three countries to follow and to exercise their profession in either or both of the other two. The intention is to allow full recognition of competence, and thereby ability to practice, within the three countries, on the basis of mutual recognition of the processes of engineer formation undertaken in each of the three countries.

The Agreement is based on subsidiarity, i.e. it is not intended to question or to challenge existing arrangements, either bilateral or at a European level, nor the national framework covering the profession within each of the three participating countries.

The Agreement establishes a mutual "de facto" recognition of the comparable professional competence of engineers from any one of the three countries, without aiming at a "de jure" recognition of equivalencies or ranking based on academic or other criteria.

The Agreement proceeds from the unequivocal trust of each signatory organisation in the processes and judgements of its counterparts.

The Agreement does not supersede any of the rules or traditions of the participating countries in respect of academic education, training, designations or titles. However, it may supplement these with additional requirements for incoming applicants, clearly stated and specified from the outset within the Agreement.

## OPERATION OF THE AGREEMENT

The Parties shall bear the overall responsibility for enforcing the Agreement in good faith towards each other and towards their individual members.

The Parties recognise that certain provisions of the Agreement will be implemented by other national bodies working within the scope of CNI (the Ordine degli Ingegneri), CNISF (Comité National d'Admission du Répertoire) or the EngC (Engineering Institutions), or, to meet certain pre-existing legal requirements, by bodies outside the immediate areas of influence of the three Parties. The Parties shall secure the support of such bodies to ensure the full and effective operation of the Agreement.

The Parties agree that the most effective way to operate the Agreement is through their existing "Professional Registers (PRs)": -

- the Albo of the Ordine degli Ingegneri della Provincia di...
- the Répertoire Français des Ingénieurs
- the Register of EngC.

Background data on the operation of these Registers is set out as attachments to this Agreement; Appendices No: 1(France), 2(Italy) and 3(UK).

Access to the Register of a given country shall provide to engineers from the other two countries the same rights and obligations in the exercise of their profession as those of nationals listed in that same Register.

Applicants shall be bound by the codes of professional conduct established in the receiving country. They shall practice only within the fields of competence for which they are qualified by their original registration. They shall be obliged to advise their clients when additional professional assistance is necessary to implement a programme or project.

Applicants not listed in the Register of any one of the three Parties shall not be able to apply for registration in the Registers of the other Parties under the terms of the Agreement.

All applications shall be made through the appropriate aforementioned Parties to this Agreement and handled directly by the receiving Party or, as appropriate, by the nominated representative organisation. Each Party shall maintain a record of every application going out or coming in under the Agreement.

In the event of difficulty and/or rejection, applicants shall have the right of appeal, which shall be heard in the first instance by the Party responsible for the Agreement within the "receiving" country, i.e. CNI, CNISF or EngC, as appropriate.

The Parties shall also establish a three-way arbitration mechanism to hear and resolve any remaining areas of conflict not resolved by the aforementioned national processes.

## QUALIFYING REQUIREMENTS

As a fundamental principle, this Agreement is based upon the recognition by the three Parties of two basic categories of engineer: -

- long cycle engineers
- short cycle engineers

Background data defining the two categories are set out as Appendix 4 to this Agreement. In each category, the basic requirement calls for accredited/approved academic attainment plus sufficient, relevant and recorded post academic professional experience. A key additional requirement is an adequate working knowledge of the language of the "receiving" country.

In summary, individual engineers applying for admission to the Register of one of the other two countries shall fulfil the following requirements: -

- be listed in the Register of the third country,
- be able to demonstrate an appropriate level of academic achievement,
- be able to demonstrate at least 4 years verifiable post academic professional experience as an employee or as a free professional,
- be capable of operating as a professional in the language of the receiving country.

Fulfilment of these conditions shall be ascertained according to agreed procedures set out as Appendices 5, 6, 7, 8, 9 and 10.

Any application and subsequent membership fees shall apply to foreign candidates as to national candidates.

## DURATION AND EXTENSION OF THE AGREEMENT

The duration of this Agreement is not limited, although any one Party may give notice of withdrawal at any time. In order to accommodate any applications in progress, such notice shall be given not less than 12 months from the proposed date of withdrawal.

After two years in full operation, the Parties shall undertake a formal review of the operation of the Agreement with a view to removing possible anomalies, simplifying and/or streamlining procedures and admitting other candidates not provided for during the early operation of the Agreement.

The Parties shall publicise the Agreement once it is in operation and encourage other interested European countries to open discussions with the aim of participating. The three founding Parties shall unanimously agree any extension resulting from these discussions.

## LANGUAGES OF THE AGREEMENT

The versions of this Agreement set out in English, French and Italian shall have equal legal meaning and value. Additional working versions shall be produced in other languages as and when required.

## AGREED AND EXECUTED

In Paris on the 19<sup>th</sup> day of December 2000

For CNI:

.....

Sergio Polese

For CNISF

.....

Xavier Karcher

For EngC

.....

Malcolm Shirley

## Appendix 1

### Engineer Formation in France And Registration in the Répertoire

The Body responsible for the registration of engineers in France is the "Répertoire National des Ingénieurs" which is a sub-unit of CNISF. CNISF brings together the "Unions Regionales d'Ingénieurs et Scientifiques" (URIS), the individual "Associations Techniques et Scientifiques" and the "Associations d'Anciens Elèves des établissements de formation d'ingénieurs" (Alumni Associations). These groups of Associations, labelled collectively as the "Associations de Référence", file the individual applications for registration in the Répertoire.

The Répertoire is managed by a Comité National d'Admission which, although de facto controlled by CNISF, involves other (non-CNISF) parties in its operations.

The Comité National d'Admission reviews the applications and manages the database of the Répertoire. The data is open to public inspection and consultation. Additional information can be made available, but only through the Associations de Référence.

The Répertoire comprises a professional listing of engineers set out in three sections: -

- |                                      |     |
|--------------------------------------|-----|
| - Ingénieurs Diplômés                | ID  |
| - Ingénieurs Reconnus Scientifiques  | IRS |
| - Ingénieurs Reconnus (non diplômés) | IR  |

Ingénieurs Diplômés - ID will have graduated from one of the engineering schools recognised and monitored by the official "Commission des Titres d'Ingénieur"(CTI). There are two distinct types of course, both following secondary education and the award of Baccalauréat: -

- graduation after 4 to 6 years of academic study,
- graduation after a course of 3 to 4 years, which combines university study with period(s) of training within the industrial sector.

In both cases, the study period comprises two parts: 2 or 3 years (Classes Préparatoires) studying mathematics, physics, chemistry, French and foreign languages, and 3 to 4 years in the engineering school, normally covering 2 years of general engineering and 1 to 2 years of specialisation. It is usual for a competitive examination (concours) to be taken at the end of the first part. In some schools, the Classes Préparatoires are integrated into the school and selection is made by jury after Baccalauréat. Thus, depending on the period and type of study, IDs cover both the concepts (long cycle) and applications (short cycle) engineers. IDs are usually listed in the Répertoire automatically and immediately after graduation, at the request of the Alumni Association of their school.

Ingénieurs Reconnus Scientifiques - IRS are graduates who have studied science and technical applications at university after Baccalauréat. They graduate after a minimum of 4 years (Maitrise en Sciences), 5 years (Diplôme d'Etudes Supérieures Spécialisées – DESS, Diplôme d'Etudes Approfondies - DEA) or 8 years (Doctorat). When applying for registration in the Répertoire as IRS, candidates must be able to demonstrate that they have gained experience operating as a professional engineer for a minimum of 5 years. Applications are submitted through an Association de Référence for review and acceptance by the Comité National d'Admission.

Ingénieurs Reconnus - IRs are engineers having a diploma of “Technicien Supérieur” (DUT, BTS) complemented by various in career courses. These courses are considered equivalent to 3 years of academic study. In addition, IR applicants must be able to demonstrate not less than 5 years practice as professional engineers. Engineering Technicians having less than an equivalent of 3 years of academic education may also apply for admission to the Répertoire. All applications are treated as special cases and are carefully reviewed by the Comité National d'Admission before granting access to the Répertoire.

Individual engineers can request that their name or certain specific personal data are not entered into the Répertoire. Registered engineers may be removed from the Répertoire for unprofessional conduct.

## Appendix 2

### Engineer Formation in Italy And Registration in the Provincial Orders

The body in charge of the implementation of the Agreement in Italy is the Consiglio Nazionale degli Ingegneri (CNI), based in Rome, which is the national and international representative of the Ordine degli Ingegneri. CNI acts as a professional consultant to the Ministero della Giustizia and to the Ministero delle Politiche Comunitarie; the first supervises the profession while the second superintends compliance with European Directives.

There are two parallel University courses leading to two different engineering degrees: a three-year practically oriented course, leading to the award of "Diploma in Ingegneria" and a five-year conceptually oriented course, leading to the award of "Laurea in Ingegneria". The corresponding academic titles are "Diplomato in Ingegneria" and "Laureato in Ingegneria" (in short, "Dott. Ing"). The Diplomati in Ingegneria can transfer to the Laurea course by passing integrative exams. So a Diplomato Universitario can become a Dottore in Ingegneria after six instead of five years. Cycle duration is nominal as the actual time engaged to get both the degrees is longer than three or five years respectively, due to many difficult exams.

Academic titles have legal value, according to Royal Decree No. 1592 of 3 August 1933 and the Penal Code sanctions any title abuse. So both the academic titles of Diplomato in Ingegneria and Laureato in Ingegneria are protected by the law.

According to Article 1 of Law 897 of 25 April 1938, a Dottore in Ingegneria can practise only if he is enrolled in the Professional Register (Albo) of the Engineers. There is a "Ordine degli Ingegneri della Provincia di ..." in each of 103 Italian Provinces. Each Provincial Order holds and maintains the Albo listing the names of the engineers resident or having their professional domicile in that Province. Registration in the Albo is compulsory to practise some engineering activities protected by law (i.e. planning, work direction, inspection, etc.). To be enrolled in the Albo the Laureato in Ingegneria must pass the State Exam which qualifies him to practise. The State Exam, imposed by the Italian Constitution, is ruled by Law No. 1378 of 8 December 1956 and its amendments. As the professional qualification as well as the Albo enrolment does not confer any specific professional title, the current appellation is "Ingegnere" ("Ing." for short). Nevertheless this appellation is protected because any abuse in professions controlled by regulations is sanctioned by the Penal Code.

Nowadays only holders of a Laurea may sit for the State Examination, hold a professional qualification and be enrolled in the Albo dell'Ordine degli Ingegneri. However by the decree of 29 May 2000, the Ministry of Universities established an Inter-Ministerial Working Group to study procedures to enable holders of a Diploma Universitario to sit the State Exam and to list in the Albo. There are about 200,000 Laureati in Ingegneria, 136,000 of which registered in the Provincial Orders.

The European Directive 48/89/EEC deals with the Albo enrolment of non-Italians who are citizens of the European Union. In agreement with article 4 of decree No. 115 of 27 January 1992, the Ministero della Giustizia, established a Conferenza dei Servizi responsible to assess skilled competence of foreigners applying for professional recognition. CNI is a member of the Conferenza dei Servizi. According to the Conferenza dei Servizi assessment, the Justice Ministry will issue a recognition

decree with or without further training. However, for engineers applying through this agreement no further training shall be required. The decree shall lead to the applicant being enrolled in the Albo of the Ordine degli Ingegneri and to practise as "Ingegnere" in Italy. The Justice Ministry recognition does not imply academic equivalence as this lies within the competence of University Ministry.

Annex A - List of the 103 provincial bodies contained in the Order jurisdiction.

<b>Ordine Provinciale</b>	<b>adress</b>	<b>Postal code</b>	<b>Tel code</b>	<b>tel</b>	<b>fax</b>
AGRIGENTO	1, Via Gaglio	92100 AGRIGENTO	(0)922	25353	29029
ALESSANDRIA	1, Corso Borsalino	15100 ALESSANDRIA	(0)131	265714	264042
ANCONA	2, Piazza Plebiscito	60100 ANCONA	(0)171	2075392	206845
AOSTA	10, Loc. Borgnalle	11100 AOSTA	(0)165	236222	236444
AREZZO	1, Piazza G. Monaco	52100 AREZZO	(0)575	27730	27730
ASCOLI PICENO	9, Via Galilei	63100ASCOLI PICENO	(0)736	258143	253925
ASTI	8, Corso Dante	14100 ASTI	(0)141	594133	594133
AVELLINO	36, Cont. Valle Mecca	83100 AVELLINO	(0)825	36437	780261
BARI	76, Via Putignani	70121 BARI	(0)80	5214171	5216303
BELLUNO	97, Via Marsala	32100 BELLUNO	(0)437	940164	942129
BENEVENTO	11, Via Giustiniani	82100 BENEVENTO	(0)824	314638	314648
BERGAMO	1, Pass. C. Lateranensi	24100 BERGAMO	(0)35	223234	235238
BIELLA	31, Via Novara 1	13051 BIELLA	(0)15	22404	31664
BOLOGNA	13, Strada Maggiore	40125 BOLOGNA	(0)51	235412	230001
BOLZANO	15, Via Cassa di Risparmio	39100 BOLZANO	(0)471	971818	974546
BRESCIA	17, Via Marsala	25100 BRESCIA	(0)30	40043	296831
BRINDISI	9, Via San Sebastiano	72100 BRINDISI	(0)831	526405	528228
CAGLIARI	25, Via Tasso	09170 CAGLIARI	(0)70	499703	44370
CALTANISSETTA	174, Via Libertà	93100 CALTANISSETTA	(0)934	553195	553195
CAMPOBASSO	14, Piazza Vittoria	86100 CAMPOBASSO	(0)874	413796	411092
CASERTA	32, Via Botticelli	81100 CASERTA	(0)823	326204	326204
CATANIA	202, Via V. Giuffrida	95128 CATANIA	(0)95	436267	448324
CATANZARO	10, Via Chimirri	88100 CATANZARO	(0)961	747013	743629
CHIETI	19, Via B. Spaventa	66100 CHIETI	(0)871	63826	63054
COMO	62, Via A. Volta	22100 COMO	(0)31	269810	301807
COSENZA	25, Via Massaua	87100 COSENZA	(0)984	760361	790366
CREMONA	66, Via Palestro	26100 CREMONA	(0)372	457675	457147
CROTONE	131, Via Poggioreale	88074 CROTONE	(0)962	29553	29669
CUNEO	26, Via A. Meucci	12100 CUNEO	(0)171	698736	695193
ENNA	13, Via Vulture	94100 ENNA	(0)935	25600	25600
FERRARA	26, Via Bersaglieri del Po	44100 FERRARA	(0)532	207126	48746
FIRENZE	1, Lungarno Guicciardini	50125 FIRENZE	(0)55	213704	2381138
FOGGIA	6, Via Barletta	71100 FOGGIA	(0)881	662001	662343
FORLI'	3, Via Bruni	47100 FORLI'	(0)543	26317	21276

FROSINONE	37, Via Tiburtina	03100 FROSINONE	(0)775	872420	871619
GENOVA	10-8A, Salita S. Caterina	16123 GENOVA	(0)10	593840	5536129
GORIZIA	25, Corso Italia	34170 GORIZIA	(0)481	534226	534226
GROSSETO	43, Via Matteotti	58100 GROSSETO	(0)564	27589	27589
IMPERIA	16/5, Corso Cavallotti	18038 SANREMO	(0)184	530799	530799
ISERNIA	13, Via Dante Alighieri	86170 ISERNIA	(0)865	415250	415250
L'AQUILA	12, Via dei Giardini	67100 L'AQUILA	(0)862	65959	411826
LA SPEZIA	19, Via Piave	19100 LA SPEZIA	(0)187	732768	732768
LATINA	4, Largo A. Celli	04100 LATINA	(0)773	694208	662628
LECCE	23, Viale De Pietro	73100 LECCE	(0)832	245472	304406
LIVORNO	7, Via dei Carabinieri	57100 LIVORNO	(0)586	898746	893015
LODI	5, Via T. Zalli	20075 LODI	(0)371	432292	432296
LUCCA	12, Piazza dei Servi	55100 LUCCA	(0)583	491994	495012
MACERATA	47, Corso Cavour	62100 MACERATA	(0)733	233111	234254
MANTOVA	8, Via Aldo Moro	46100 MANTOVA	(0)376	323669	368158
MASSA CARRARA	2, Via C. Rosselli	54100 MASSA CARRARA	(0)585	70466	70466
MATERA	Via Trabaci/c.serv S. Giacomo	75100 MATERA	(0)835	388715	388715
MESSINA	110, Via XXVII Luglio	98123 MESSINA	(0)90	718107	774415
MILANO	16, Corso Venezia	20121 MILANO	(0)2	76003731	76004789
MODENA	8, Piazzale Boschetti	41100 MODENA	(0)59	223831	237166
NAPOLI	9, Via del Chiostro	80134 NAPOLI	(0)81	5514620	5522126
NOVARA	16, Baluardo Lamarmora	28100 NOVARA	(0)321	628671	35065
NUORO	88, Via Gramsci	08100 NUORO	(0)784	36903	230693
ORISTANO	5, Via Canepa	09170 ORISTANO	(0)783	310060	72138
PADOVA	29, Via degli Scrovegni	35131 PADOVA	(0)49	8760374	8761468
PALERMO	120, Via F. Crispi	90139 PALERMO	(0)91	586857	6111492
PARMA	2, Via Garibaldi	43100 PARMA	(0)521	206097	237462
PAVIA	15, Via G. Franchi	27100 PAVIA	(0)382	22070	22070
PERUGIA	10/A, Via della Pallotta	06100 PERUGIA	(0)75	5837586	34613
PESARO	P.za Lazzarini - Gall. Roma, C	61100 PESARO	(0)721	370079	370080
PESCARA	25, P.za Spirito Santo	65100 PESCARA	(0)85	299206	4213310
PIACENZA	10, Viale Borghi	29100 PIACENZA	(0)523	338772	338720
PISA	16, Via di Santa Caterina	56100 PISA	(0)50	554013	554013
PISTOIA	12, Via Abbi Paziienza	51100 PISTOIA	(0)573	24383	24383
PORDENONE	8, Via del Traverso	33170 PORDENONE	0)434	550250	27344
POTENZA	Via Di Giura SNC Centro Direz.	85100 POTENZA	(0)971	442757	441455
PRATO	25, P.za G. Ciardi	50047 PRATO	(0)574	605010	605010

RAGUSA	88, Via Fieramosca	97100 RAGUSA	(0)932	641870	643266
RAVENNA	39, Via Francesco Negri	48100 RAVENNA	(0)544	35680	34666
REGGIO CALABRIA	7, Via Plutino	89100 REGGIO CALABRIA	(0)965	23001	23002
REGGIO EMILIA	42, Corso Garibaldi	42100 REGGIO EMILIA	(0)522	436202	436202
RIETI	36, Via della Verdura	02100 RIETI	(0)746	203741	203741
RIMINI	18, Via Soardi	47037 RIMINI	(0)541	785376	785376
ROMA	60, Via Montagne Rocciose	00144 ROMA	(0)6	5915820	5916601
ROVIGO	24, Via Mazzini	45100 ROVIGO	(0)425	21159	21159
SALERNO	58, Corso Vittorio Emanuele	84100 SALERNO	0)89	224955	41988
SASSARI	124, Viale Umberto	07100 SASSARI	(0)79	275551	275554
SAVONA	13/3, Via Famagosta	17100 SAVONA	(0)19	822678	822696
SIENA	54, Via Montanini	53100 SIENA	(0)577	41087	41087
SIRACUSA	4, Via Perno	96100 SIRACUSA	(0)931	65826	462196
SONDRIO	12, Via C. Alessi	23100 SONDRIO	(0)342	514864	212903
TARANTO	3, Via XX Settembre	74100 TARANTO	(0)99	4526421	4526421
TERAMO	1, Via della Montagnola	64100 TERAMO	(0)861	247688	247481
TERNI	10, Via Benedetto Brin	05100 TERNI	(0)744	403284	403284
TORINO	1, Via A. Giolitti	10123 TORINO	(0)11	5622468	5621396
TRAPANI	4, Largo Madonna	91100 TRAPANI	(0)923	554797	554795
TRENTO	23, P.za S. Maria Maggiore	38100 TRENTO	(0)461	983193	230286
TREVISO	2, Via dello Squero	31100 TREVISO	0)422	53665	541296
TRIESTE	4, Via Crispi	34100 TRIESTE	(0)40	773690	773160
UDINE	5, Via di Toppo	33100 UDINE	(0)432	505305	503941
VARESE	44, Via Cavour	21100 VARESE	(0)332	232423	232423
VENEZIA	524, Campo di Rialto Nuovo	30125 VENEZIA	(0)41	5289114	5228902
VERCELLI	31, Via Duomo	13100 VERCELLI	(0)161	213240	213241
VERONA	2, Piazzetta Scala	37121 VERONA	(0)45	8035959	8031634
VIBO VALENTIA	25, via F. Protetti	88018 VIBO VALENTIA	(0)963	45875	45875
VICENZA	66, Viale Milano	36100 VICENZA	(0)444	322947	322947
VITERBO	38, Via Matteotti	01100 VITERBO	(0)761	341086	341086

### Appendix 3

#### Engineer Formation in the UK And Engineering Council Registration

The formation process and registration requirements are set out in the Engineering Council document "Standards and Routes to Registration - SARTOR". The most recent version is the 3rd edition published in September 1997.

There are three basic elements to the process: -

- academic attainment,
- initial professional development, (IPD),
- continuing, through career, professional development, (CPD).

A further and vital element of the process is the Professional Review Interview (PRI). This is carried out by the appropriate Nominated Body and is taken by all candidates following completion of IPD. The PRI assesses the Competence and Commitment of the candidate at the start of his/her professional career. As such, it is a final and searching check prior to formal entry onto the Register. A small minority of Institutions require candidates to pass their own special examination, following, or as part of the PRI, prior to acceptance.

The national Register, held and maintained by the EngC, lists three separate categories of registrants. The requirements for registration in any one of the three categories are separately and specifically defined and candidates generally follow distinct routes for each. The Titles conveyed by the three categories are: -

- Chartered Engineer (CEng)
- Incorporated Engineer (IEng)
- Engineering Technician (EngTech)

The actual processes of academic course accreditation, training scheme approval, candidate assessment and final submission to the EngC Register are undertaken by the Engineering Institutions which are Nominated Bodies of the Engineering Council.

These Institutions are themselves assessed and audited at regular intervals by the EngC to ensure standards are maintained at a high and consistent level. Thus, they are appointed as Nominated Bodies with Licences to act in specified areas by the EngC. Currently, there are 38 Nominated Bodies covering both general and specialised areas of engineering, (see Annex B). To gain access to the Register, a candidate must become a member of the appropriate Institution. This involves the payment to the Institution of an application fee and a continuing annual subscription together with an additional smaller annual fee, collected by the Institution, which is passed on to the EngC.

Current registration totals are almost 200,000 CEng, 50,000 IEng and 15,000 EngTech. Almost 70% of the CEng registrants are members of the three largest Institutions: Civil, Electrical and Mechanical Engineering. Over 40% of IEng registrants are members of the recently formed (by amalgamation of

others) Institution of Incorporated Engineers, (IIE). Whilst some Institutions cater for only one category of engineer, (e.g. IMechE), some cover two, (e.g. IChemE) or all three, (e.g. IoM).

Except in certain specialised safety critical areas, there are no legal requirements to practice in the UK. However, the designations CEng, IEng and EngTech are beneficial in industry, especially for those in self-employment situations.

As from September 1999, the normal academic requirement for CEng registration involves satisfactory completion of a four-year course leading to a MEng degree. Similarly, IEng registration requires a three-year course leading to a BEng degree. Prior to that date shorter courses were the norm, leading to BEng or BSc degrees. The current regulations also cater for shorter courses, which are acceptable as long as the candidate has undertaken approved further study to compensate and to add additional basic or perhaps, specialised knowledge. This additional period is described as a *Matching Section* in the third edition of SARTOR. The system also caters for candidates who qualify with cognate science degrees (e.g. physics, mathematics, chemistry, geology, etc.). These degrees will provide a strong science base, but they are likely to lack engineering application. Such candidates may be accepted for entry to the appropriate engineering Register subject to proof of additional education to cover any shortfall in engineering content. This is assessed by examination, dissertation or other auditable means.

Initial Professional Development (IPD) involves a period (generally a minimum of four years) of structured (approved) training and working experience culminating in the candidate holding a post with a significant degree of personal responsibility. At this point, the candidate may apply to attend a Professional Review Interview (PRI) which is conducted through his/her chosen Institution by specially trained senior engineers drawn for the purpose from industry, academia, government service, etc. This interview reviews the candidate's progress and assesses his/her Competence and Commitment as a professional engineer. If all aspects are judged satisfactory, the candidate is enrolled in the Institution as well and in the appropriate Section of the EngC Register.

Continuous Professional Development (CPD) is not (yet) as closely specified or controlled as the initial formation stages. In the main, it remains a voluntary activity with the extent, progress and recording in the hands of the individual engineer. However, most Institutions are giving much greater attention to this area and some are developing structured approaches with monitoring and quantitative assessment of through career development.

Annex B - List of 38 current Nominated bodies.

Association of Cost Engineers  
British Computer Society  
British Institute of Non Destructive Testing  
Chartered Institution of Building Services Engineers  
Chartered Institution of Water and Environmental Management  
Institution of Agricultural Engineers  
Institute of British Foundrymen  
Institution of Civil Engineers  
Institution of Chemical Engineers  
Institution of Engineering Designers  
Institution of Electrical Engineers  
Institution of Fire Engineers  
Institution of Gas Engineers  
Institute of Healthcare and Estate Management  
Institute of Highway Incorporated Engineers  
Institution of Highways and Transportation  
Institution of Incorporated Engineers  
Institution of Lighting Engineers  
Institute of Marine Engineers  
Institution of Mechanical Engineers  
Institution of Mining and Metallurgy  
Institution of Nuclear Engineers  
Institute of Acoustics  
Institute of Materials  
Institute of Physics and Engineering in Medicine  
Institution of Plant Engineers  
Institution of Railway Signal Engineers  
Institute of Road Transport Engineers  
Institution of Structural Engineers  
Institution of Water Officers  
Institute of Measurement and Control  
Institute of Physics  
Institute of Plumbing  
Institute of Energy  
Royal Aeronautical Society  
Royal Institution of Naval Architects  
Society of Environmental Engineers  
Welding Institute

## Appendix 4

### Matching of Categories

Appendices 1, 2 and 3 show the different approaches to engineer education, formation and registration in the three countries covered by this Agreement.

The academic component follows a variety of routes, even within a single country. In this respect, the Italian approach appears to be the most straightforward. There is provision for transfer between the two categories in all three countries. In addition, the UK caters for candidates who qualify initially at a level considered inadequate for acceptance in the desired category, but who undertake further approved study (defined as a matching section) to complete their educational base at the required level. Further, in France and the UK, there is provision for registering candidates who undertake courses with a science basis, as long as these are backed-up subsequently by sufficient engineering experience and practice.

In Italy and the UK, satisfactory completion of the academic component results in defined degree awards, which clearly differentiate the two categories of engineer. France has no specific terms for these awards; they are defined simply in terms of the duration of the courses involved. The Table below summarises the current situations within the three countries arising from the academic component of formation.

	<b>Long Cycle</b>	<b>Short Cycle</b>
France	Degree award from specific 4/5 year course *	Degree award from specific 3 year course *
Italy	Laurea in Ingegneria	Diploma Universitario in Ingegneria
UK	MEng	BEng

\* Details are listed in Appendix 1.

Following satisfactory completion of the academic stage, the additional requirements, which may be necessary to gain full professional status and Title, differ markedly in the three countries. The UK approach is the most highly structured, calling for competence training/experience and a Professional Review Interview (PRI).

In Italy, the professional qualification is awarded through the national “Esame di Stato”. This exam, which is compulsory to enter the profession according to the Italian Constitution, requires a written and oral test, and it is provided for at the National level through a Ministerial Decree.

The current Titles or professional qualifications conferred upon qualified engineers within each of the three countries are: -

	<b>Long Cycle</b>	<b>Short Cycle</b>
France	Ingénieur Diplômé (ID) and Ingénieur Reconnus Scientifique (IRS)	Ingénieur Diplômé (ID)
Italy	Ingegnere *	(not yet instituted) *
UK	Chartered Engineer (CEng)	Incorporated Engineer (IEng)

\* Details are listed in Appendix 2

At the outset, the Agreement shall deal in the main with standard cases. However, in order to gain early experience with candidates holding science-based degrees (in particular, French IRS candidates), these may be submitted for consideration. Any such cases, arising in France and the United Kingdom (but not in Italy at the present time) may be subjected to careful scrutiny by the receiving country. By this means, full assurance shall be provided that engineering application is adequately sound.

French IRS candidates will come only in the Long Cycle category, whilst UK science based candidates may come under either of the two. In Italy, steps are being developed to register Diplomato Universitario (short cycle) candidates. Pending the outcome of this process, no short cycle candidates shall be submitted to Italy by the UK or France.).

In order to conform to the requirements of the Agreement, all candidates shall be required to produce evidence of not less than 4 years post-academic verifiable professional experience.

## **Appendix 5**

### **Procedure for Italian Engineers transferring to France**

Applicants shall prepare a file listing the following: -

- a letter of intent and identification documents,
- copies of the academic achievements, number of years of study, curriculum outline, degree awarded, etc.,
- a copy of the State Exam certificate
- proof of registration in the Albo of the Ordine degli Ingegneri della Provincia di...
- documents conveying proof of professional experience as an employee or as an independent professional of at least four years duration following graduation.

The file shall be forwarded to CNI for review and then transmitted to CNISF by CNI, together with a covering letter of confirmation.

The Comité National d'Admission du Répertoire shall review the file and proceed to interview the candidate at the earliest opportunity. This shall be utilised to confirm competence and commitment and to ensure the candidate has a sufficient command of the French language.

The outcome of the application shall be conveyed to the candidate and to the CNI within two months of the date of the interview. If positive, the Italian Engineer is immediately registered in the Répertoire with the mention of Laureato and the title Ingénieur Diplômé [ID(I)].

In the event of difficulty and/or rejection, applicants shall have right of appeal, which shall be heard in the first instance by CNISF.

A record of all incoming engineers shall be maintained by CNISF.

## **Appendix 6**

### **Procedure for Italian Engineers transferring to the UK**

The Applicant shall prepare a file listing the following:-

- a letter of intent and identification documents,
- copies of the academic achievements, number of years of study, curriculum outline, degree awarded, etc.,
- a copy of the State Exam certificate
- proof of registration in the Albo of the Ordine degli Ingegneri della Provincia di...,
- documents conveying proof of professional practice as an employee or as a free professional of at least 4 years duration following graduation,
- a statement of the UK engineering institution preferred (if known).

The file shall be forwarded to CNI for review and then transmitted to the EngC by CNI, together with a covering letter of confirmation.

The EngC shall record the application and forward it to the appropriate engineering Institution together with a covering letter of support. The Institution shall then send its normal application forms directly to the candidate. On return of these, fully and properly completed, together with the normal application fee, the Institution shall then arrange the Professional Review Interview at an early opportunity. This shall be utilised to confirm competence and commitment and to ensure the candidate has a sufficient command of the English language.

The outcome of the application shall be conveyed to the candidate and to the EngC within two months of the date of the interview. The EngC shall then inform CNI of the outcome.

Acceptance shall lead to the applicant being admitted to corporate membership of the Institution and to the EngC Register as CEng \*. The Institution shall levy its normal annual membership and EngC registration fees on the applicant.

In the event of difficulty and/or rejection, applicants shall have right of appeal, which shall be heard in the first instance by EngC.

A record of all incoming engineers shall be maintained by EngC.

\* Or IEng as appropriate in the future, as soon as Diplomato Universitario are able to be registered in the Albo.

## Appendix 7

### Procedure for French Engineers transferring to Italy

Applicants shall prepare a file listing the following:-

- a letter of intent and documents attesting their French or European citizenship,
- copies of the academic achievements, number of years of study, type of engineering school, curriculum outline, degree awarded, etc.,
- copy of the registration in the Répertoire as a long cycle engineer \*
- documents conveying proof of professional experience as an employee or as an independent professional of at least four years following graduation.

The file shall be forwarded to the Comité national d'Admission du Répertoire for review and then transmitted to CNI by CNISF, together with a covering letter of confirmation.

The CNI shall review the file and then arrange a professional review interview with the candidate. This shall be utilised to confirm competence and commitment and to ensure the candidate has a sufficient command of the Italian language.

The outcome of the application shall be conveyed to the candidate and to the CNISF within two months of the date of the interview.

If positive, CNI shall forward the file to the Ministero della Giustizia and follow the procedure up to the issue of the recognition decree of the professional title to the candidate, keeping CNISF updated on the procedure. The Minister of Justice will issue the recognition Decree (without further training\*\*) within four months of the date of application. The recognition decree shall lead to the applicant being enrolled in the Albo of the Ordine degli Ingegneri of the Province where he/she wishes to establish residence or professional domicile and the grant of title "Ingegnere".

In the event of difficulty and/or rejection, applicants shall have right of appeal, which shall be heard in the first instance by CNI.

A record of all incoming engineers shall be maintained by CNI.

\* Or short cycle engineers as soon as Diplomato Universitario are able to be registered in the Albo

\*\* As detailed in Appendix 2

## **Appendix 8**

### **Procedure for French Engineers transferring to the UK.**

The Applicant shall prepare a file listing the following:-

- a letter of intent and identification documents
- copies of documents listing academic achievements:- number of years of study, type of engineering school, curriculum outline, degree awarded, etc.,
- proof of registration in the Répertoire (short or long cycle),
- documents from employers conveying proof of professional experience of at least 4 years duration following graduation,
- a statement on the preferred UK engineering institution (if known).

The file shall be sent to CNISF (Comité National d'Admission du Répertoire) for review and then transmitted to the EngC by CNISF, together with a covering letter of confirmation.

The EngC shall record the application and send it on to the appropriate engineering Institution together with a covering letter of support. The Institution shall then send its normal application forms directly to the candidate. On return of these, fully and properly completed, together with the normal application fee, the Institution shall then arrange a Professional Review Interview at an early opportunity. This shall be utilised to confirm competence and commitment and to ensure the candidate has a sufficient command of the English language.

The outcome of the application shall be conveyed to the candidate and to the EngC within two months of the date of the interview. The EngC shall then inform CNISF of the outcome.

Acceptance shall lead to the applicant being admitted to corporate membership of the Institution and to the EngC Register as CEng or IEng, as appropriate. The Institution shall levy its normal annual membership and EngC registration fees on the applicant.

In the event of difficulty and/or rejection, applicants shall have right of appeal, which shall be heard in the first instance by EngC.

A record of all incoming engineers shall be maintained by EngC.

## **Appendix 9**

### **Procedure for UK Engineers transferring to France.**

The Applicant shall prepare a file listing the following:-

- a letter of intent and documents attesting British or European citizenship,
- copies of documents listing academic achievements: number of years of study, type of engineering school, curriculum outline, degree awarded, etc.,
- proof of status in an engineering institution
- proof of registration with the Engineering Council,
- documentation confirming proof of professional experience as an employee or as an independent professional of at least four years following graduation.

The file shall then be sent to the EngC, Membership Department for checking and confirmation. The latter will send it on to CNISF, together with a covering letter of confirmation.

The Comité National d'Admission du Répertoire shall review the file and arrange an early interview directly with the candidate. This shall be used to confirm competence and commitment and to ensure that the candidate has a sufficient command of the French language.

The outcome of the application shall be advised to the candidate within two months of the date of the interview. At the same time, CNISF shall inform the EngC of the outcome.

Acceptance shall lead to the applicant being immediately admitted to the Répertoire with the indication "CEng" or "IEng" and the title Ingénieur Diplômé [ID(UK)].

In the event of difficulty and/or rejection, applicants shall have right of appeal, which shall be heard in the first instance by CNISF.

A record of all incoming engineers shall be maintained by CNISF.

## **Appendix 10**

### **Procedure for UK Engineers transferring to Italy**

Applicants shall prepare a file listing the following:-

- a letter of intent and documents attesting British or European citizenship,
- copies of documents listing academic achievements: number of years of study, type of engineering school, curriculum outline, degree awarded, etc.,
- proof of registration with the Engineering Council as CEng \*
- proof of status in an engineering institution,
- documents conveying proof of professional experience as an employee or as an independent professional of at least four years following graduation.

The file shall then be sent to the EngC, Membership Department for checking and confirmation. The latter will send it on to CNI, together with a covering letter of confirmation.

CNI shall review the file and then arrange a professional review interview with the candidate. This shall be utilised to confirm competence and commitment and to ensure the candidate has a sufficient command of the Italian language.

The outcome of the application shall be conveyed to the candidate and to the EngC within two months of the date of the interview.

If positive, CNI shall forward the file to the Ministero della Giustizia and follow the procedure up to the issue of the recognition decree of the professional title to the candidate, keeping EngC updated on the procedure.

The Minister of Justice will issue the recognition Decree (without further training\*\*) within four months of the date of application. The recognition decree shall lead to the applicant being enrolled in the Albo of the Ordine degli Ingegneri of the Province where he/she wishes to establish residence or professional domicile and the grant of title "Ingegnere" as a professional qualification

In the event of difficulty and/or rejection, applicants shall have right of appeal, which shall be heard in the first instance by CNI.

A record of all incoming engineers shall be maintained by CNI

\* Or IEng when the Diplomato Universitario are able to be registered in the Albo

\*\* Details in Appendix 2