

WELDING/BRAZING

DNV certification requirements for welding/brazing services

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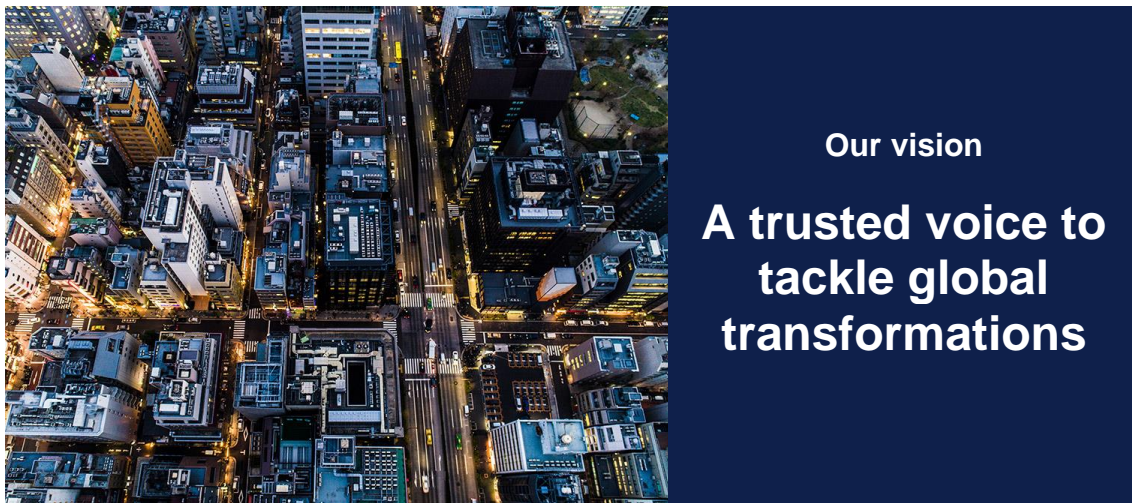
1 SERVICE DESCRIPTION

This document describes the DNV conditions and certification processes for

- Certification of persons performing permanent joining operations of metallic materials for the categories welding, welding operations and brazing
- Approval/Qualification of Welding procedures (WPQR) and Brazing procedures (BPQR)

The services are provided to any organization/person applying for the services. In this document the applicant will be further referred to as “Customer” and the provided services as “Services”.

The DNV end delivery for the Services will independently of type of service further be referred to as “Certificate”.



2 LEGAL FRAMEWORK

DNV will perform all Services as an accredited certification body. When the Customer applies for the Services to be valid for permanent joining under the PED Annex I:3.1.2 scope, they will be provided as PED notified body services.

The DNV legal entity accredited for the Services is DNV Business Assurance Italy S.r.l. The accreditation is granted by Accredia for the following scope:

- Persons performing permanent joining operations for metallic materials for the categories
 - a. Welders (EN ISO 9606 series)
 - b. Welding operators (EN ISO 14732)
 - c. Brazers and Brazing operator (EN ISO 14732)
- Welding procedures / WPQR (EN ISO 15610, 15611, 15612, 15613, 15614 series and 15620)
- Brazing procedures / BPQR (EN ISO 13134)

The standard references always apply to the latest edition.

References to accreditation documents:

- ISO/IEC 17024 for personnel certification
- ISO/IEC 17020 for qualification/approval of procedures
- ACCREDIA RG-01
- ACCREDIA RG-01-02
- ACCREDIA RG-01-04

When the Services are provided as PED services, DNV Business Assurance Italy S.r.l. will deliver them under its status as a Notified Body notified by the Italian "Ministero dello Sviluppo Economico" for permanent joining services under PED Annex I:3.1.2 with the Notified Body nr 0496.

In the following, DNV Business Assurance Italy S.r.l. and all DNV units approved to provide the Services will be referred to as "DNV". The final certification will always be performed at the legal entity solely.

3 GENERAL CONDITIONS

In addition to the general terms and conditions of the standard DNV Agreement, the following applies:

- DNV will not provide any consultancy services aiming to facilitate the certification.
- All information needed for the DNV evaluation is treated as confidential.

See further part 16 of this document for customer commitments.

4 DEFINITIONS

The definitions used in this document is defined below:

Candidate: Welder or Brazer or Welding Operator or Brazing Operator applying for certification.

Qualified personnel: Certified Welder or Brazer or Welding Operator or Brazing Operator.

Welder: Person who holds and manipulates the electrode holder, welding torch or blowpipe by hand for a manual or semi-automatic process.

Brazer: Person who holds and manipulates the device for heating the brazing area by hand for a manual or semi-automatic process.

Welding/Brazing Operator: Person who controls or adjusts any welding parameter for mechanized or automatic process.

WPQ (Welder Performance Qualification): Qualification Certificate including test data and range of qualification for the welder who perform the qualification test.

WOPQ (Welding Operator Performance Qualification): Qualification Certificate including test data and range of qualification for the welding operator who perform the qualification test.

BPQ (Brazer Performance Qualification): Qualification Certificate including test data and range of qualification for the brazer who perform the qualification test.

BOPQ (Braze Operator Performance Qualification): Qualification Certificate including test data and range of qualification for the brazing operator who perform the qualification test.

WPQR (Welding Procedure Qualification Record): Qualification Certificate including test data, range of qualification and detail and result of performed test for the qualification of a welding process.

BPQR (Braze Procedure Qualification Record): Qualification Certificate including test data, range of qualification and detail and result of performed test for the qualification of a brazing process.

WPS (Welding Procedure Specification): document/specification issued by Organization/Client that provides the required variables of the welding procedure to ensure repeatability during production welding and to be used for personnel qualification or process qualification as preliminary (pWPS).

BPS (Braze Procedure Specification): document/specification issued by manufacturer/customer that provides the required variables of the brazing procedure to ensure repeatability during production brazing and to be used for personnel qualification or process qualification as preliminary (pBPS).

Laboratory (LAB): organization that performs mechanical, metallographic and/or NDT tests on welding/brazing specimens made for the qualification of welding/brazing personnel and/or welding/brazing procedures; LAB can be works on behalf of Organization/Client or on behalf of DNV.

Welding Inspector or Specialist Permanent Joining or Examiner: Independent person qualified by DNV to technically verify the execution of the welding/brazing test pieces, carried out at the indicated sites (factory/workshop) and attending the laboratory tests to evaluate the results; this person could be qualified by NoBo 0496 also for execution of qualification of permanent joints (personnel and processes) that are different from welding or brazing joints (i.e. expanded tube joint in the tubesheet) and need to be approved as per Annex 3.1.2 of Directive PED 2016/48/EU requirement.

Organization/Client: person or organization asking for certification of personnel and/or certification of welding/brazing procedures.

Employer: person or organization responsible for welding/brazing activities (the Employer can coincide with the Organization/Client) and responsible for internal periodic revalidation of certificates as applicable.

5 DNV CERTIFICATION PROCESS



DNV is one of the world's leading certification, assurance and risk management providers. Whether certifying a company's management system or products, providing training, or assessing supply chains, and digital assets, we enable customers and stakeholders to make critical decisions with confidence.

5.1 Application

Upon reception of the DNV Information Sheet from a customer, DNV will draw up a Welding Agreement (WA) describing the DNV activities to be provided to the Customer and priced according to valid international price list. The WA will clarify if the Customer has applied for the Services to be provided by DNV in its role as a Notified Body or as an accredited third-party organization only. The DNV activities will be based on the data filled in by the Customer on the Information Sheet. It is for this reason important that the Customer completes the data needed for the wished scope.

For qualification of welding procedures to EN ISO 15614-1 the Customer must indicate the level of the procedure tests; level 1 or 2. If the Customer doesn't fill in this information in the Information Sheet, DNV will follow the level 2. If a PED approval is requested only level 2 is applicable.

In order to quote the activities performed by DNV, the Customer shall present the test lab they will use for the destructive and non-destructive testing of the test pieces. They may be performed either at:

- An external test lab accredited to ISO/IEC 17025 for the relevant standards. If the test lab is not accredited it must be approved by DNV
- The Customer's test laboratory in this case DNV shall verify that the test facilities correspond to the ISO/IEC 17025 requirements

DNV will then assess if a witnessing of the tests at the test lab is needed.

DNV is ready to present the quote to the customer before the WA is signed to clarify the scope if needed; also including a visit at their site.

The WA shall be signed by an authorized representative of the Customer and returned to DNV. By completing and signing the WA, the Customer and DNV has a formal agreement with each other where the Customer commits himself to comply with the requirements in this document WA and the terms&conditions in the WA.

For personnel certification, the Customer shall share this document with all candidates. Evidence of acceptance of this documents by candidates will be collected by DNV Welding Inspector before starting qualification activities.

5.2 Planning the activities

Once the WA has been signed, DNV will plan the activities. The date(s) will for the site visits be coordinated with the Customer. The site for the qualification test shall be communicated by the Customer. For existing customers may DNV on extraordinary conditions agree to perform these site assessment activities without a Welding Inspector being present by using Information Communication Technology (ICT).

DNV will communicate the name of the DNV Welding Inspector who is assigned to witness the qualification activities. The Customer has the right to object to the Welding Inspector. This shall be communicated in writing to DNV, where the reasons are stated and be signed by the Customer's legal representative.

The Customer shall make the concerned WPS/BPS available for DNV before the qualification test to allow a check by DNV to the relevant standard requirements. If the procedures are not in compliance with the standard requirements, DNV will ask the Customer to correct them before the qualification test.

5.3 Qualification of personnel and procedures

DNV has the overall responsibility to carry out the services in accordance with the accreditation requirements. The DNV Welding Inspector engaged in the Services shall fulfil the competence requirements as defined by DNV.

Before the qualification test begins, DNV will check the identity of the candidates. The testing environment will also be checked before the test. The standard requirements to light, temperature, noise and safety must be verified. If these documents are not available and/or the environment is not found in compliance, the qualification test will be interrupted.

Depending on the welding/brazing method, the following will be verified on site by DNV before the witnessing of the qualification test:

- Traceability of gas used during the test to supplier certificates
- Traceability of test coupon used to material certificates
- Traceability of material used for welding consumables
- Verification of electrical parameters for the test and calibration of the welding equipment
- Verify the mock-up of test coupons

As a minimum DNV will witness the critical parts of the qualification tests and verify the results.

Upon a successful result of the test coupons, DNV will permanently mark up the test piece following the concerned standard requirements. If requested, an Inspector from the Accreditation Body may be present at the qualification test.

The destructive and non-destructive testing of the test pieces can be witnessed by DNV.

5.4 Issuing of certificate

When all activities are completed, all records and correspondence, including results from the qualification test activities, the Welding Inspector will file the documents together with his report at the DNV accredited Unit. The assigned Technical Reviewer will perform a review of the documents, including a verification that the Customers contractual obligations are fulfilled, and take a Certificate decision.

Upon a positive decision, DNV will issue the Certificates to the Customer. The Certificates will be sent in a digital format (pdf) if a paper copy is not explicitly requested by the Customer.

In case of negative result of performed tests, it's in the responsibility of Customer to plan a new qualification session to repeat the welding/brazing of test coupons and notify DNV as per WA or to conclude the qualification activities without any issuing of Certificates; in this case DNV reserves the right to invoice the activities performed with exception of issuing of Certificates if this part is splitted in the quote.

Both the Customer and DNV are obliged to keep Certificates and the welding/brazing records supporting the validity of the Certificate available for a period not less than three years after its expiry.

In case of non-granting of the Certification, DNV notifies the Customer in writing with the relative motivation. DNV reserves the right not to make the aforementioned documentation (including the certificate) available if there are outstanding credits towards the Customers, until their resolution.

The Customer or the Employer, in the event of a change in the corporate name of the legal entity holder of the Certificate, may request DNV to issue a new Certificate with updated data (transfer). This practice can only be activated following receipt by DNV of a written declaration on the reasons for the change of the company name: DNV, based on the information received and the applicable technical standards, will communicate the decision on whether to grant the new certification without repeating the tests.

6 REFUSAL OF CERTIFICATION

Certification will be refused if the DNV requirements for the services are not fulfilled. The certification can be refused at any of the steps under part 4 above.

DNV shall communicate refusal of certification stating the reasons for the decision to the Customer in writing. Information regarding the appeal procedures shall be given.

7 VALIDITY OF THE CERTIFICATES

7.1 Initial certification of welders/welding operators/brazers

The validity for each standard is presented in the below table:

Table 1: Validity of initial certification

Standard	Validity	Requirements
ISO 9606-1	See note (1)	Certificate to be confirmed <u>every 6 months</u> , by signature, by the Employer or the Welding Coordinator, which certifies that the welder has worked within the initial qualification range. This confirmation extends the validity for the next 6 months.
ISO 9606-2	2 years	
ISO 9606-3 ISO 9606-4 ISO 9606-5	2 years	Certificate to be confirmed <u>every 6 months</u> , by signature, by the Employer or the Welding Coordinator, who certifies that: a) the welder has regularly carried out the welding work for which he is certified (interruptions for a period longer than six months are not allowed); b) there were no reasons to question the skill and technical knowledge of the operator. If any of the above conditions are not met, the certification is no longer valid.
ISO 14732	See note (1)	Certificate to be confirmed <u>every 6 months</u> , by signature, by the Employer or the Welding Coordinator, which certifies that the welder has worked within the initial qualification range. This confirmation extends the validity for the next 6 months.
ISO 13585	3 years	Certificate to be confirmed <u>every 6 months</u> , by signature, by the Employer or the Welding Coordinator, who certifies that: a) the brazier has regularly carried out the brazing work for which he is certified (interruptions for a period longer than six months are not allowed); b) the brazing work was generally in accordance with the brazing conditions used in the certification test; c) there were no reasons to question the skill and technical knowledge of the brazier. If any of the above conditions are not met, the certification is no longer valid.
<p>Note: 1) the validity depends on the revalidation method chosen at the time of qualification (see Table 2).</p>		

DNV will inform the Customer which Certificate(s) will be expired within 3 months before the validity end date.

7.2 Initial certification of WPQR/BPQR

Certified WPQR/BPQR have no validity end date. The Certificates are valid until the conditions on the Certificate remain unchanged. In the case the Customer change any of these conditions the Certificates will be invalid.

7.3 Extension/renewal of personnel certification

In general, at the end of the validity, he will be able to perform the qualification tests again.

If the applicable standards provide for it, DNV can extend (through objective evidence checks on the activity carried out by the qualified persons during the validity period of the certificate) or renew (through qualification tests) the certifications close to expiry.

The applicant must submit the request for extension of the validity of the certification for further years of validity (according to the initial validity) by the expiry date of the certificate, in such a way that the intervention of the DNV Welding Inspector can also take place by that date, by submitting the documentation referred to in Table 2 below for examination by DNV.

Table 2: Prolongation of certification

Standars	Documents requested	Extension
<p>ISO 9606-2 ISO 9606-3 ISO 9606-4 ISO 9606-5</p>	<p>a) original certificate, with signatures by the Employer or Coordinator every 6 months on the welder's certificate in the space provided for validity confirmations or other company documents;</p> <p>b) copy of the volumetric control reports (radiographic or ultrasonic) or destructive tests (fracture or bend), relating to two welds carried out in the last six months of the validity period of the certificate, with traceability of the welder and of the WPS according to acceptance criteria as defined in the applicable standard);</p> <p>c) copy of the WPS referred to in point b), which must be congruent, in terms of essential variables with the range of qualification;</p> <p>d) half-yearly registration document, certifying the WPS used by the operator in production during the two years of validity of the certificate, with reference to the related test reports.</p>	<p>2 years</p>
<p>ISO 9606-1</p>	<p>In accordance with requirement 9.3 of the standard, the revalidation can follow one of the following 3 methods, which must be defined at the time of qualification.</p> <p>a) The welder is retested after 3 years from the first welding date. New certificate is issued.</p> <p>b) Every 2 years, 2 welds made during the last 6 months of the validity period are subjected to volumetric control (radiographic or ultrasonic) or to destructive tests (fracture or bend), with relative report; the levels of acceptability are established in requirement 7 of the standard; the weld tested shall reproduce the original test conditions except for thickness and outside diameter; these tests revalidate the welder's qualification for an additional 2 years.</p> <p>c) The qualification remains valid as long as it is confirmed in accordance with Table 1, provided that all of the following conditions are met:</p> <ul style="list-style-type: none"> • the welder works for the same Employer for which he has been qualified, who is responsible for the manufacture of the product; • the manufacturing process of the welder's employer has been verified in accordance with ISO 3834-2 or ISO 3834-3; • the welder's Employer has made it clear that the welder has produced welds of acceptable quality with respect to the applied product standards; the tested welds must confirm the following conditions of the initial qualification: welding positions, type of weld (FW, BW), material backing or no material backing. <p>If the method chosen is b), the same documentation required for the other parts of ISO 9606 must be produced (see above).</p> <p>If the method chosen is c), it is necessary that the Customer has a valid MSC certification according to the EN ISO 3834-2 or EN ISO 3834-3 standard issued by DNV and that the Lead Auditor provides, during each annual visit, takes evidence of compliance with the revalidation requirements required by standard requirement. The qualification will be extended for a further one year.</p> <p><u>If the Customer requests the approval of the qualifications according to the requirements of the PED Directive 2014/68 EU, only methods a) and b) are allowed.</u></p>	<p>a): 3 years</p> <p>b): 2 years</p> <p>c): 1 year</p>

Standards	Documents requested	Extension
<p style="text-align: center;">ISO 14732</p>	<p>In accordance with requirement 5.3 of the standard, the revalidation can follow one of the following 3 methods, which must be defined at the time of qualification.</p> <p>a) The operator is retested after 3 years from the first welding date. New certificate is issued.</p> <p>b) Every 3 years, 2 welds made during the last 6 months of the validity period are subjected to volumetric control (radiographic or ultrasonic) or to destructive tests (fracture or bend), with relative report; the levels of acceptability are established in requirement 4 of the standard; the weld tested shall reproduce the original test conditions except for thickness and outside diameter; these tests revalidate the welder's qualification for an additional 3 years.</p> <p>c) The qualification remains valid as long as it is confirmed in accordance with Table 1, provided that all of the following conditions are met:</p> <ul style="list-style-type: none"> • the operator works for the same Employer for which he has been qualified, who is responsible for the manufacture of the product; • the manufacturing process of the operator's employer has been verified in accordance with ISO 3834-2 or ISO 3834-3; • the operator's Employer has made it clear that the operator has produced welds of acceptable quality with respect to the applied product standards; <p>If the method chosen is b), the same documentation required for the other parts of ISO 14732 must be produced (see above).</p> <p>If the method chosen is c), it is necessary that the Customer has a valid MSC certification according to the EN ISO 3834-2 or EN ISO 3834-3 standard issued by DNV and that the Lead Auditor provides, during each annual visit, takes evidence of compliance with the revalidation requirements required by standard requirement. The qualification will be extended for a further one year.</p> <p><u>If the Customer requests the approval of the qualifications according to the requirements of the PED Directive 2014/68 EU, only methods a) and b) are allowed.</u></p>	<p style="text-align: center;">a): 6 years</p> <p style="text-align: center;">b): 3 years</p> <p style="text-align: center;">c): 1 year</p>
<p style="text-align: center;">ISO 13585</p>	<p>a) original certificate, with signatures by the Employer or Coordinator every 6 months on the brazer's certificate in the space provided for validity confirmations or other company documents;</p> <p>b) copy of the volumetric control reports or destructive tests, relating to two brazed joints carried out in the last six months of the validity period of the certificate, with traceability of the brazer and of the BPS according to acceptance criteria as defined in the applicable standard;</p> <p>c) copy of the BPS referred to in point b), which must be congruent, in terms of essential variables with the range of qualification;</p> <p>d) half-yearly registration document, certifying the BPS used by the operator in production during the three years of validity of the certificate, with reference to the related test reports.</p>	<p style="text-align: center;">3 years</p>

8 MAINTAINING THE PERSONNEL CERTIFICATE

DNV will perform survey activities for the validity of a Welder/Brazer personnel certificate by either of the below methodologies:

- At the time the Certificate expires.
- Before the renewal or extension of the Certificate by means as stated under part 7.3 above in this document.
- If relevant, in connection with other audits for ISO 9001, ISO 3834 or CPR EN 1090.

DNV reserves the right to perform unexpected visits at all time.

If DNV suspects that the Certificate is misused, DNV may request the Customer to send documentation as stated under part 7.3. If DNV finds evidence on deviations from the Certificate validity conditions, DNV will request to witness the entire, or parts of, relevant qualification tests. Such activities will be charged to the Customer.

It is always the Customers responsibility to inform DNV without delay about everything that could influence the capability of the certified person to satisfy the Certificate requirements.

The fees as stipulated in the PCA must be paid following the conditions for payment stated therein.

The manufacturer is also obliged to keep a record of all complaints concerning the products under the certification scope. DNV will verify that the manufacturer has taken relevant corrective actions for these complaints in conjunction with the surveillance visits. In addition, DNV is entitled to request the Customer to share their register of complaints at any time.

9 CHANGES IN STANDARDS

DNV will provide the Services to the valid versions of the standards listed under part 2 of this document plus supporting standards. Changes in standards may result in the need of re-qualification of welders/brazers and procedures. The customer is obliged to stay current on the formal status of the standards that he has applied.

10 CHANGES BY THE CUSTOMER

The Customer shall immediately inform DNV about all changes having an impact on the validity of a personnel certificate between the surveillance activities. DNV will decide if any additional site activities are needed to maintain the validity.

An approved WPQR/BPQR is only valid as long as the scope is unchanged. The Customer shall inform DNV for any changes of the scope, whereupon DNV will decide on possible actions to maintain the validity.

11 SUSPENSION OR WITHDRAWAL OF THE CERTIFICATE

DNV may decide to suspend or withdraw the certificate, and, in such cases, the manufacturer will be informed as soon as this is practicable.

NOTE: DNV must provide the possibility for appeals against its decisions.

11.1 Reasons for suspension

- The Certificate is being used outside its scope
- Violation of the terms of the signed Welding/Brazing Agreement, including non-payment of fees or refusal of access to unexpected/periodic/planned assessments.
- The requirements on the Customer in this document are no longer fulfilled
- Information from stakeholders that could affect the status of Certificate (e.g. non-compliance to regulatory/statutory requirements).

Suspension of a Certificate is normally initiated as the first step, followed by a withdrawal if the issue of concern is not resolved within due time. However, dependent on the seriousness of the situation, DNV may decide a direct withdrawal of the Certificate.

DNV shall inform the customer about the decision on suspension and its consequences during the period of suspension:

- For certified welder/brazers, any welding/brazing under the Certificate scope will be unaccepted for jobs where a personnel certificate is requested. In particular, no pressure equipment under PED (Cat II and higher) can be CE-marked by a manufacturer
- For approved WPQR/BPQR, the Customer may not use these where a third-party approval is required. In particular, no pressure equipment under PED (Cat II and higher) can be CE-marked by a manufacturer

A Certificate shall generally not be suspended for more than three months, where the case should either be resolved, and the Certificate reissued, or should be escalated to a withdrawal process.

Reasons for withdrawal:

- The issues that resulted in a suspension has not been resolved within the time limits set for the case
- A suspension is not found appropriate
- The holder of the Certificate asks for withdrawal

Non-conforming situations leading to suspension or withdrawal of a certificate shall be identified using the non-conformity process. An exception to this is delay or refusal to pay due fees or refusal of access to premises for the purpose of performing assessments.

DNV shall inform its notifying authority concerning the certificates which it has issued or withdrawn and shall, periodically or upon request, make available to its notifying authorities the list of certificates refused, suspended or otherwise restricted.

11.2 Reasons for withdrawal

- The issues that resulted in a suspension has not been resolved within the time limits set for the case
- A suspension is not found appropriate
- The Customer goes bankrupt
- The Customer asks for withdrawal
- The Customer does not ask for re-validation of the Certificate (personnel certification only)
- Falsification of the DNV Certificate
- Persistence in not fulfilling contractual obligations

The consequences of a withdrawal will be the same as for a suspension, but on a permanent basis. In addition, the Customer will be:

- Not allowed to use the Certificate in connection to welded/brazed products from the date of withdrawal
- Not permitted to refer to DNV together with the Certificate scope in any document
- Directed to publish the withdrawal on any relevant external/internal information site

DNV shall inform its accreditation body, resp. notifying authority in the case of PED, concerning the certificates which it has issued or withdrawn and shall, periodically or upon request, make available to its notifying authorities the list of certificates refused, suspended or otherwise restricted.

In addition, DNV reserves the right to initiate legal actions to the Customer in the case the Certificate is misused.

12 CANCELLING OF THE CERTIFICATE FROM THE MANUFACTURER

The manufacturer may cancel the certificate at any time provided that DNV receives a written communication at least 60 days before the wished cancellation date authorizing DNV to invoice all activities up to that date.

13 COMPLAINTS AND APPEALS

Complaint is understood as a statement of dissatisfaction from the manufacturer with regard to the DNV certification activities.

Appeal is understood as an objection from the manufacturer to a specific decision taken by DNV.

13.1 Filing of a complaint or appeal

In order to improve traceability and effectiveness of the handling of complaints and appeals they should be submitted in written form. The following information is then required:

- Identification of the complainant/appellant through company name (if any) and contact person
- Postal address and e-mail address
- Description of the circumstances, including reference to relevant documentation

The complaint or appeal may be registered on the DNV website alternately sent by letter or email to the nearest DNV office.

13.2 Initial handling and actions taken

Upon receipt of a complaint or an appeal DNV will take the following actions:

- The complaint/appeal will be logged in our system
- A contact person for the handling will be appointed
- An initial response to the complainant/appellant will be sent within 10 working days

The person responsible for handling the complaint/appeal will evaluate if immediate or corrective actions are needed. This person shall have no previous involvement in the concerned certification.

13.3 Written resolution

A written response to the complainant/appellant will be prepared and submitted. The complainant/appellant will be informed about the right to escalate the complaint/appeal in case the response is not satisfactory.

14 USE OF THE CERTIFICATE, THE DNV CERTIFICATION MARK AND THE ACCREDITATION BODY MARK

Not applicable for the Welding/Brazing Certification Services.

15 PUBLISHING CERTIFICATES

By signing the PCA, the manufacturer agrees to let DNV publish on their external website basic information (e.g., certificate numbers, manufacturer name and product scope) about the issued certificates.

The Organization/Client may make public the obtainment, by DNV, of the Certifications of the Welding/Brazing Procedures and the Personnel Qualification in the ways it deems most appropriate, provided that it complies with the provisions of this regulation and in particular what is follows:

- The Certificates may be reproduced in their entirety, by enlarging or reducing them, as long as they remain easily legible and are not altered in any way;
- It must be avoided that the published Certifications may be intended as extended to welding/brazing procedures or to welding personnel (Welders, Brazing Operators, Welding Operators) not falling within the validity range of the Certificates issued by DNV.

In case of use of the Certifications that do not comply with what is indicated in the previous points or in the case of their illicit use, DNV will take the appropriate measures provided for in para. 16 below.

16 ORGANIZATION/CLIENT'S COMMITMENTS

By accepting this document, the Organization/Client undertakes to:

- always operate in compliance with the provisions of this document and the provisions of the certification program;
- ensure the presence of the personnel responsible for carrying out the welding tests for the entire duration of qualification session and that such personnel can operate with suitable equipment and spaces in compliance with the applicable minimum safety requirements.
- provide DNV with all the necessary facilities, for carrying out the qualification activities, within the times, methods and contents indicated in the official communications, including those for the examination of the documentation and access to all the areas assessed, to the registrations, to the personnel involved and the resolution of complaints;
- allow DNV access to offices, production, control and testing rooms and warehouses, accompanied, where appropriate and unless justified, by Inspectors of the Accreditation Body (ACCREDIA);
- always guarantee, during the tests, the presence and availability of the personnel responsible for the qualification activities and of the representatives of relations with DNV with the task of giving the necessary support to the DNV Welding Inspector;
- guarantee during the tests the presence of a quality control officer as well as suitable tools and instruments for measuring the welding/brazing process where necessary, with the task of giving the necessary support

to the DNV Welding Inspector; in case of welding/brazing procedure qualification, instruments need to be verified/calibrated and traceable with national or international measurement standards;

- not to publicize the application in progress until the positive outcome of the tests, verifications or assessments;
- publicize and disseminate information regarding welding processes and certified personnel, only with reference to the purposes for which the certification was issued;
- not to use the certification in such a way as to discredit DNV;
- fulfill the payments according to the agreed terms;
- keep a record of all complaints that have occurred during the period of validity of the certificates issued by DNV and of the related actions taken to remedy them and promptly inform DNV;
- promptly notify DNV of any changes in the company name or production address.

17 INSURANCE

The DNV insurance is a comprehensive insurance program placed with market leading underwriters of no less than A rating.

DNVs insurance is purchased and expire on an annual basis.

DNV represents and warrants that it shall maintain in force the insurance cover at the same level as in the certificate on an annual basis for a period of 3 years after termination of the insurance, provided that insurance at this level is generally available in the market.