

# Certificate

## qualification of manufacturer for welding steel structures according ISO 17660-1

It is hereby certified that the firm	HRC Europe AS
have at one's disposal in the welding plant	NO N-3412 Lierstranda/Drammen, Lierstranda 107
the required personnel and equipment to carry out welding works for manufacturing load bearing steel structures in the following fields of application:	
Standards/Regulations	DIN EN ISO 17660-1
Welding Processes (Reference no. acc. to DIN EN ISO 4063)	42 Friction welding complete mechanized
Parent Metals	Reinforcing steel acc. to EN 10080: Steel for the reinforcement of concrete weldable reinforcing steel acc. to NS 3576-3 Continuation see overleaf
Extensions/Restrictions	none
Responsible Welding Coordinator (Name, Surname, Date of birth, Qualification)	Nordli, Ingar, geb. am 28.03.1961
Deputy (Name, Surname, Date of birth, Qualification)	Camping, Michael John, geb. am 13.12.1957
Remarks	see overleaf
Period of validity	from 2016-10-13 to 2019-10-12
Number of certificate	SLV-Nord 177
issued on	2016 -10-25 Seelau/jwe
Manager of the Certification Body (Name/Signature/Seal)	
General requirements see reverse	




### General requirements

1. Before carry-out welding works this certificate - either as certified copy or photo copy - shall be submitted to the competent authorities issuing the building permit.
2. For advertising or other purposes this certificate may only be duplicated or published in full. The wording of the advertising material shall not be in contradiction to this certificate.
3. If the welding coordinator(s) mentioned in the certificate is (are) not longer with the company or if there are changes in the welding process or in essential parts of the facilities necessary for the welding works, the certification body has to be informed. If considered necessary a new plant inspection of the company will take place.
4. In case of doubt regarding the qualification of the company, an inspection and check-ups in the plant by the certification body without prior announcement are being reserved.
5. This certificate may be withdrawn at any time and with immediate effect without compensation supplement or modified if the condition under which this certificate has been issued have changed or if the requirements laid down in this certificate have not been adhered to.
6. At least two months before expiry, a new application has to be submitted to the certification body if the qualification should be certified once more.

### Remarks:

#### Continuation:

S450J0 acc. to EN 10025-2

Fine grain steel acc. to DIBt-admission and valid welder procedure qualification (WPQ).

Stainless steel acc. to approval notification "Z-30.3-6" DIBt 1.4362, 1.4462 and 1.4404  
acc. to EN 10088-1

### CC.:

1. Applicant  
(Original)
2. Principal Building Inspection Authority of the State  
(if wanted)
3. Appropriate Branch of the Eisengbahn-Bundesamt  
(only if Ril 804 applies)
4. File