







REQUIREMENTS FOR ISSUE/EXTENSION/RENEWAL OF AN APPROVED WELDER CERTIFICATE

AIRWORTHINESS NOTICE

VERSION : 2.0
DATE OF IMPLEMENTATION : 20-02-20100
OFFICE OF PRIME INTEREST : AIRWORTHINESS DIRECTORATE

	NAME	DESIGNATION	SIGNATURE
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TYPE OF DOCUMENT	AIRWORTHINESS NOTICE (AWNOT)		
STATUS OF DOCUMENT	CONTROLLED		

A. AUTHORITY:

A1. This Airworthiness Notice has been issued under the authority vested in DG CAA vide rule 4 & 51 of Civil Aviation Rules 1994.

B. PURPOSE:

B1. This Airworthiness Notice prescribes general requirements for issue, extension and renewal of a welder's certificate by CAA.

C. SCOPE:

C1. This Airworthiness Notice is applicable to all maintenance organizations involved in aviation activities.

D. DESCRIPTION:

D1. DEFINITION:

Nil

D2. INTRODUCTION:

D2.1 Welder certificate of approval is issued for welding of aircraft parts (sheet to sheet butt and doubler welding etc) for metals / alloys of:-

- D2.1.1 Aluminium
- D2.1.2 Magnesium
- D2.1.3 Nickel
- D2.1.4 Titanium
- D2.1.5 Stainless steel.

D2.2 CAA Pakistan shall issue welder certificate to a person who is an employee of an approved organization, has developed proficiency in welding and has gone through a formal welder training.

D3. ELIGIBILITY:

D3.1 To be eligible for issue of welder certificate, the applicant should:-

D3.1.1 Be employee of an approved maintenance organization with facilities for welding on Pakistan registered civil aircraft, engine and / or its components.

D3.1.2 Have welding experience in an approved organization for a minimum period of two years OR have completed one-year apprentice programme in welding technology and gained six month experience in an approved organization.

D3.1.3 Have sound health in order to perform his professional duties especially in respect of hearing, eyesight and colour perception. (Employer is required to confirm this aspect)

D3.1.4 Have successfully passed applicable oral examination.

D3.1.5 Have passed applicable practical test.

D4. **APPLICATION PROCESS:**

D4.1 The applicant is required to apply to Chief of quality control of his organization on CAA form 482-R2. The applicant is required to enclose following with his application;

D4.1.1 Photocopy of N.I.C.

D4.1.2 Photocopy of welder course certificate

D4.1.3 Photocopies of educational certificates

D4.1.4 Recent photograph 1"X1" size (2)

D4.1.5 The chief of quality control will accept the applicants for examinations who meet the prescribed requirements at the time of application.

D5. **EXAMINATION PROCESS:**

D5.1 The Chief of quality control or his nominee from Q.C shall conduct oral examination of the applicant along with a suitably qualified welder / welding shop incharge.

D5.2 The oral examination is required to cover at least :

D5.2.1 fire fighting knowledge

D5.2.2 types of welding

D5.2.3 welding equipment and supplies

D5.2.4 safety precautions

D5.2.5 standard engineering procedures to carry out welding

D5.2.6 knowledge about issue, extension and renewal of welder certificate.

D5.3 After satisfactory Oral examination, the applicant is required to carry out Practical welding test under supervision of Chief of quality control or his nominee. The practical test is required to be carried out at an organization having adequate facility, as per attached sample.

D5.4 The samples of Practical welding test are to be examined for microscopic analysis, the tensile strength and bend test.

D6. **ISSUANCE OF CERTIFICATE:**

D6.1 The Chief of QC is required to compile all the particulars & satisfactory examination results of the eligible applicants in separate folders and confirm therein, the eligibility of the applicants for grant of welder certificate.

D6.2 The Chief of QC is required to submit the folders of the applicant and request for grant of welder approval certificate to respective Airworthiness Field office.

D6.3 The Respective Filed Office/ HQ airworthiness shall issue welders certificates on CAA form 061, for six months.

D7. **CERTIFICATE EXTENSION/ RENEWAL:**

D7.1 The QC head is required to forward the applicant's particulars along with original Welder Certificate for extension / renewal as the case may be.

D7.2 The eligibility for extension or renewal of welder's certificate is same as of the Issuance of certificate as per item 3 and 4 above.



D7.3 The extension/ renewal of the certificate is required to be done by CAA HQ respective Airworthiness Filed office on receiving request from chief of QC of an organization along with fees and original certificates. The extension /renewal of the certificate shall be for six months.

E. EVIDENCES (ACRONYMS / RECORDS / REFERENCES):

E1. ACRONYMS:

CAA CIVIL AVIATION AUTHORITY
Q.C QUALITY CONTROLLER

E2. RECORDS:

Nil

E3. REFERENCES

Nil

IMPLEMENTATION:

This Airworthiness Notice shall be implemented with effect from 20th February, 2011 and repeals / cancels / supersedes Airworthiness Notice No. 63 issue 1, dated March, 2000.

