



भारी उद्योग मंत्रालय
MINISTRY OF
HEAVY INDUSTRIES



Atma-Nirbhar Bharat & Make in India Initiatives and Sponsored by
Ministry of Heavy Industries, Government of India.



Enhance your Skill in WELDING at Common Engineering Facility Center (CEFC) BHEL, Bhopal.

Welding: is a great career choice that leads to a skilled employment in a variety of industries with lucrative salary

Who can apply and get trained in Welding?

Anybody whose age is 18 years and above and 8th Standard passed can apply for Four (04) Weeks Level 3 Welder Qualification WQ0103 and Certification Course.

How can apply:

Interested can contact or send filled application form directly to,

THE PROGRAMME OFFICER (CEFC)
MR ARVIND TIWARY, DEPUTY MANAGER
HRDC WORK SHOP
BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
MADHYA PRADESH INDIA (462022)
CONTACT-0755-2503685,3705,2313
Mail- cefc.bpl@bhel.in



For Level 3: Rs 5085 Fees + Rs 915.3 (18% GST) i.e **Rs. 6000** (Incl. GST)
CEFC -For mode of payment kindly contact the programme officer (CEFC) or
Follow Annexure –II or mail us on - cefc.bpl@bhel.in

* For outstation participant limited hostel facilities are available at extra charges given on first come first served basis.

*Register for a training using Annexure -1 form

- CEFC allots a registration no.

- Using registration number, pay course fee using Annexure-2 through SBI collect

- Share the details of payment to CEFC

- **CEFC informs date of course start (Every First Tuesday or Thursday of Month) i.e. for June 2023, it starts from 01/06/2023(Thursday).**

**All the courses will include introduction to yoga and customized wellness Training

** Detailed Advertisement is also available at [BHEL BHOPAL RECRUITMENT](https://www.bhel.in/BHEL_BHOPAL_RECRUITMENT)



This skill development program is being conducted with the support of Ministry of Heavy Industries





CEFC WELDER TRAINING Course content and schedule

Level L3 – Training cum Certification on Shielded Metal Arc Welding (SMAW)-up to 2G

Level 3: SMAW structural welder (up to 2G)

Course Objectives:

To provide training to the participants on the following domains and make them as skilled welder up to 2G level in SMAW

- **Professional Knowledge:** To provide BASIC LEVEL details about welding, welding processes, different types of defects, importance of preheating and post heating, power source, effect of welding parameter, visual inspection, NDT Method-Importance and evaluation, destructive testing.
- **Core/Professional skill:** Manually weld carbon and low alloy steels in 1G/1F and 2G/2F welding positions using Shielded Metal Arc Welding
- **Personality/behavioral Skills:** Basic workshop calculations, communication skill, resume writing and how to attend interview, Body and mind conditioning using Yoga, including Yoga practice*, Concept and practice 5s and Swatch Bharat Abhiyan **

***Everyday morning session begins with Yoga / customized Exercises; (30 mts. – focus on relieving strain to eyes, neck etc.,)**

****Every day evening session concludes with Guidelines / Practice on 5S & Swachh Bharat Abhiyan (45 min.)**

Average Hours spent on...

1. Profession knowledge (Theory classes / Discussions) – 90 mins. /day x 24 days = 2160 min (24 %)
2. Core/Professional skill (Practical Hands on sessions / Weldshop trials) – 240 mins/day x 24 days= 5760 min. (64 %)
3. Personality/behavioral Skills = 45 mins/day x 24 days = 1080 min. (12 %)

Total duration =9000 min or 150 hrs



CEFC WELDER TRAINING

Course content and schedule

Week-Day	Morning 30 minutes	Theory session, 90 minutes/day (2 x45)- Basic level		Practical hands on session 4 x 60 =240 min	Evening 45 Min
1-1	Yoga & Exercise	Introduction to general industry safety and welding safety		Familiarization with the machine and Demonstration of SMAW	5S and Swatch Bharat training activities
1-2		Principles of Shielded metal arc welding (SMAW)		Bead on trails with varying parameters and multipass	5S and Swatch Bharat training activities
1-3		Parameters and application of SMAW		Bead on trails with varying parameters and multipass	Work shop calculations
1-4		Introduction to Electrode classification		Fillet 1F practice	5S and Swatch Bharat training activities
1-5		Backing of Electrodes		Fillet 1F Practice	5S and Swatch Bharat training activities
1-6		Backing of Electrodes	Weekly test	Fillet 1F practice and weekly test	5S and Swatch Bharat training activities
Weekly holiday					
2-1	Yoga & Exercise	Edge preparation and introduction to machining		Fillet 2 F practice	5S and Swatch Bharat training activities
2-2		Edge preparation and fitting		Fillet 2 F practice	Communication skill
2-3		Edge preparation and fitting		Fillet 2 F practice	5S and Swatch Bharat training activities
2-4		Welding Power sources		Fillet 2 F practice	Resume writing techniques
2-5		Electrode manipulation techniques		Fillet 2 F practice	5S and Swatch Bharat training activities
2-6		Effect of parameters	Weekly test	Fillet 2F practice & Weekly Test	5S and Swatch Bharat training activities
Weekly holiday					

CEFC WELDER TRAINING

Course content and schedule

Week-Day	Morning 30 minutes	Theory session, 90 minutes/day (2 x45)- Basic level	Practical hands on session 4 x 60 = 240 min	Evening 45 Min
3-1	Yoga & Exercise	Defects – Causes & Remedies	Groove 1 G practice	5S and Swatch Bharat training activities
3-2		Defects – Causes & Remedies	Groove 1 G practice	Motivation and team work
3-3		Preheating importance, techniques	Groove 1 G practice	5S and Swatch Bharat training activities
3-4		Post heating importance and techniques	Groove 1 G practice	How to attend interviews
3-5		Visual inspection theory	Groove 1 G practice	5S and Swatch Bharat training activities
3-6		Visual inspection practice , use of Gauges etc.,	Weekly test	Introduction to computer and internet usage
Weekly holiday				
4-1	Yoga & Exercise	Visual Inspection – Practice, use of gauges, practice, etc.	Groove 2 G practice	5S and Swatch Bharat training activities
4-2		NDT Methods- Liquid penetration test, Magnetic particle inspection, Ultrasonic testing / Radiographic test.	Groove 2 G Practice	5S and Swatch Bharat training activities
4-3		NDT Methods – Importance & Evaluation	Groove 2 G Practice	5S and Swatch Bharat training activities
4-4		Destructive Testing	Groove 2 G Practice	5S and Swatch Bharat training activities
4-5		Destructive Testing / technical discussions	Qualification test up to 2G	5S and Swatch Bharat training activities
4-6		Valedictions	Qualification test up to 2G	5S and Swatch Bharat training activities



ANNEXURE 1

SKILL DEVELOPMENT PROGRAMME IN WELDING- ENROLLMENT FORM

Affix pass port size
photo here

Name of the Training Program /				WQ0103					
Hostel Accommodation required (charges extra) /				Yes - Needed		No-Not needed			
Personal Details as per Aadhar									
Name of the applicant (Name in Capital)/				Mobile. No. of the applicant /					
Father's Name and mobile number /									
Gender	MALE	FEMALE	Others	E-mail ID of the applicant					
Date of Birth	DD	MM	YYYY	Aadhar No					
Community (Please tick), If other please mention				OC	OBC	BC	SC	ST	OTHERS
Religion				Blood Group					
Are you belonging to Economically Weaker section?				YES or NO					
Present address				Permanent address					
Alternative contact No (In case of Emergency)									
Education Qualification and Experience Details									
Qualification (ITI/Diploma/Graduate) and Branch									
Name of the Institute and place									
Additional Skill/ Qualification									
Prior Experience if any									
If employed presently, then company details,									

Course details

•WQ0103: SMAW Structural Welder -Category A; Manually weld carbon and low alloy steels in 1G/1F and 2G/2F welding positions using Shielded Metal Arc Welding training and certification

Applicant signature with date

Father/ Guardian signature with date

For Official purpose	Unique ID:	Date of Joining	Date of Relieving
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*Along with the enrolment form please submit, Educational qualification certificate, caste certificate, Aadhar card copy, certificate of proof for economically weaker section. experience certificate (If any).

ANNEXURE-II: Online SBI Collect

SBI **ONLINE**

Services Mobile Banking FAQ Corporate Website SBlePay Lite (SBMOPS) **SB Collect** Electoral Bond Videos mCash Apply for SB/ Current Account NPS SBI Unipay SBI Loans हिंदी

If slowness is observed during Login Page loading, please refresh the page for better experience.
SBI never asks for confidential information such as PIN and OTP from customers. Any such call can be made only by a fraudster. Please do not share personal info.

PERSONAL BANKING
LOGIN >>

New User Registration / How Do I Customer Care Lock & Unlock User

SBI's internet banking portal provides personal banking services that gives you complete control over all your banking demands online.

YONO SBI BUSINESS
CORPORATE BANKING
yono BUSINESS Now LOGIN

Have you tried our new simplified and intuitive business banking platform? Log in to yonobusiness.sbi to avail business banking services.

New Corporate Registration How Do I Customer Care

Corporate Banking application to administer and manage non personal accounts online.

The services of Internet Banking applications will not be available from 00:40 Hrs to 03:10 Hrs on 21.05.2023 due to scheduled activity. | Mandatory Profile password

- RBI Retail Direct portal
- Block ATM Card
- Customer Request and Complaint
- Banking Forms
- Linking of PAN with Aadhaar
- SBI General Insurance Document Download
- SBI FasTag
- SBI Salary Account
- NRI Services
- Fair Lending Practice Code
- SBICAP Securities
- SBICAP Trustee Company Ltd
- SBI Express Remit
- SBI Mutual Fund
- SBI Life Insurance
- SBI Card

More Useful Links

SBI **BEWARE OF CYBER FRAUDS!**
DO NOT SHARE YOUR CARD/PIN/

← → ↻ onlinesbi.sbi/sbicollect/icollecthome.htm

Gmail YouTube Maps Final for Web Upload Intranet BHEL Bhopal

SBI **SB Collect** Hindi

HOME TRANSACTION HISTORY FAQ'S CUSTOMER SUPPORT

STATE BANK COLLECT

- ✓ Payments for Services to Corporates, Government and Public Sector Undertakings
- ✓ Donations to charitable & religious institutions
- ✓ Local taxes like water tax, house tax, property tax
- ✓ Payment of fees to educational institutions, hospitals and municipal corporations
- ✓ All Payments related to merchants, industry and commercial services
- ✓ Pay using Netbanking/Debit/Credit Prepaid Cards, UPI

Search by institution / organisation name (Enter minimum 4 characters)

Select Category

- Educational Institutions
- Religious/Charitable Institutions
- Municipal Corporations
- Govt Departments
- Healthcare Institutions
- PSU-Public Sector Undertaking
- Recruitment
- Private Merchant
- Industry**
- Other Institutions

https://www.onlinesbi.sbi/sbicollect/icollecthome.htm# Privacy Statement Disclosures Terms of Use

Payment Progress



Select Payee

Category: Industry

Search for Industry



Filter by State

Madhya Pradesh

Name of Industry	State
AJMERA ISPAT PVT LTD	Madhya Pradesh
BHARAT HEAVY ELECTRICALS LIMITED BHOPAL	Madhya Pradesh
CSC RUDRESH FARMER PRODUCER COMPANY LTD	Madhya Pradesh
HIMALAYAN FOODS AND DERIVATIVES PRIVATE LIMITED	Madhya Pradesh
MAHALAXMI INDUSTRIES	Madhya Pradesh
NEW LIFE LABORATORIES PVT LTD	Madhya Pradesh
PRASHUN FOODS PRIVATE LIMITED	Madhya Pradesh

Showing 1 to 7 of 11 entries (filtered from 589 total entries)

< 1 2 >

Payment Progress


BHARAT HEAVY ELECTRICALS LIMITED BHOPAL | PO PIPLANI BHOPAL, , BHOPAL-462022

Enter Payment Details

Payment Category:

--Select any Category--

--Select any Category--

Deposit Of Pragati Deerga Charges

Deposit Of Pragati Deerga Charges

Deposit for Smart Card for Supplier and Contractor

Deposit for Sports Complex

Deposit for Maintenance of Cultural Hall

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Gmail
YouTube
Maps
Final for Web Upload
Intranet BHEL Bhopal

SB Collect

[HOME](#)
[TRANSACTION HISTORY](#)
[FAQ'S](#)
[CUSTOMER SUPPORT](#)

Payment Progress

✓

●

○

○

○

Select Payee
Enter Payment Details
Verify Payment Details
Complete Payment
Print Receipt

BHARAT HEAVY ELECTRICALS LIMITED BHOPAL | PO PIPLANI BHOPAL, , BHOPAL-462022

Enter Payment Details

Payment Category * : Deposit Of Pragati Deerga Charges

Name of the Depositor * :

Depositor Address 1 * :

Depositor Address 2 :

Depositor GSTIN :

HRDC Reference No. * :

Amount Pragati Deerga Fee * :

CGST 9 PERCENT * :

SGST 9 PERCENT * :

Remarks :

* CGST @ 9% and SGST @ 9 % to be deposited in addition to Fee

Enter Your Details

☒ Individual
☐ Organisation / Corporate

Name * :
Date of Birth * :

Mobile No * :
Email ID :

On successful completion of payment you will receive the transaction reference number on this mobile number
On successful completion of payment, you will receive the transaction reference number on this email ID

☐ I have read and agreed to the [Terms & Conditions](#)

Enter the text as shown in the image * :

Select one of the Captcha options *

☒ Image Captcha
☐ Audio Captcha

Back

Reset

Next

In remark, please enter * **PAYMENT FOR WELDER QUALIFIATION WQ0103 COURSE** *