Form XVIII:R01 Dated: 07.08.2026

FORM-XVIII

(Regulation 385)

BOILERS INSPECTION

DEPARTMENT

ECONOMISERS

REGISTRY NUMBER

MEMORANDUM OF INSPECTION

OR

REGISTRATION BOOK

MISCELLANEOUS

District ……..

Owners ……..

Address of Factory …….

Nearest Railway Station ……

Economiser Registered at …… on ……

Register Book No …….. Page ……..

Registry Number …… Verified on …….

Design Pressure ……. $Kg/cm^2(g)$……

Economiser Rating …….. Inspection fee ……

Registration Book filled at …… on ……

Remarks on transfer etc. ……..

PROVISIONAL ORDER AND CERTIFICATE RECORD

Fee	*Date of payment*	*Date of Inspection*	*Certificate No. and Date*	*Period of Certificate*	Design pressure	*Economiser Rating*	*Remarks and Inspector's initial*

Type of Economiser ……..

Maker ……

Intended Working Pressure …….

Place and year of make …….

Maker's No ……..

Description of Economiser ……

No. of tubes …… length …… Dia. ……

Thickness …….

Internal dimensions ……

No. of Headers ……

Thickness of Headers ……

Length of Top Branch Pipe …….. Thickness ……..

Length of Bottom Branch Pipe ……. Thickness ……..

Dimensions of cap openings ……

Diameter of cap bolts …….

MOUNTINGS

No.	*Diameter*	*Type*	*Position*	*Material*
Relief Valve ……				
Stop Valve …….....				
Blow Down …….				
Thermometers …….				
Pressure Gauge …….				

Additional Fittings …….

MAKER'S CERTIFICATE

Name of Maker ……

Maker's Hydraulic Test Pressure ……

Maker's Drawing No. ……

Name of Inspecting Authority ……

Name of Maker of Material ……

Process — Tubes ……

Process — Headers ……..

Process — Bolts ……

Test Results

Tubes	T	E
Headers	T	E
Pipes	T	E
Bolts	T	

% Sulphur

% Phosphorus

Maker's Identification Mark

Position

CALCULATIONS
HEADERS
TUBES
BRANCH PIPES
BOLTS
HEATING SURFACE

Total Heating Surface ……

Economiser Ratings ……..

Calculations made by …… submitted on ……..

Calculations checked by …… on ……

Maximum Allowable working pressure …….. Kg/cm^2(g). ……..

Chief Inspector's remarks and signature ……

INSPECTOR'S NOTES