

BOILER SAFETY REPORT

Columbia Garments Ltd.

Factory ID: 10280

Address: Vogra, Chandana, Gazipur sadar, Gazipur

GPS Coordinates: 23.969344, 90.380332



Factory List : Columbia Garments Ltd. (10280)

Number of Boilers : 2

Boiler Registration Numbers : BB 7734, BB 7735

EXECUTIVE SUMMARY

A comprehensive boiler safety inspection of the factory – **Columbia Garments Ltd. (10280)** was conducted by the RMG Sustainability Council, covering 2 boilers bearing the registration numbers – BB 7734, and BB 7735. The inspection aimed for the safety checks of the boiler and provide recommendations for safe operation and maintenance.

The inspection process was divided into three distinct parts. Firstly, an external visual inspection was carried out to evaluate the overall condition of the boiler and provide guidance for the upcoming full-fledged boiler safety inspection. Next, an internal inspection and hydrostatic pressure test (commonly referred to as a hydrotest) inspection was conducted to assess the safety and structural integrity of the boiler. Sufficient time was allocated to allow the factory to prepare for the final inspection stage, which involved a functional test inspection. This stage required the boiler to be operational to enable the inspection team to verify the functionality of different safety circuits.

From the inspection observations -

BB 7734 and BB 7735 are in operable condition, but a few issues - outlined in this report, are to be addressed in a timely manner.

Boiler Registration Number	External visual inspection	Internal & Hydrotest inspection		Functional test inspection	
	Date	Date	Remarks	Date	Remarks
BB 7734	28-Mar-22	15-May-25	Satisfactory	18-Aug-25	
BB 7735	28-Mar-22	21-May-25	Satisfactory	18-Aug-25	

LIMITATIONS

The information in this boiler safety inspection report was obtained during a factory visit and discussion with local factory management. Services performed by the inspectors are conducted in a manner consistent with the level of care and skill generally exercised by members of the engineering and auditing profession. However, an effort has been made to discover all meaningful areas within the stipulated time.

In evaluating the subject site, the inspector relies on good faith in the information provided by factory management or employees. The inspector assumes that the information provided is factual, accurate and accepts no responsibility for any deficiency, misstatement or inaccuracies contained in this report as a result of omission or misrepresentation of any person interviewed or contacted.

The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations, as stated in this report, will eliminate all risks or exposures not referred to in this report. Compliance with the findings and recommendations stated in this report does not relieve the factory from the obligation to comply with specific project requirements, industry standards, or the provisions of any local government regulations.

In case any critical safety concerns are found that require the RSC to recommend an immediate boiler shutdown, for applicable cases, the RSC will inform the Chief Inspector of Boilers (CloB) office and collaborate with them on all subsequent steps to remediate the issue(s).

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1. EXTERNAL VISUAL INSPECTION

Inspection Date	Boiler Registration Number	Author(s)
28-Mar-22	BB 7734, BB 7735	Md Kamrul Hasan Chowdhury

Reviewed by : Arif Ahamed Mithun

Approved by : Md. Mehedi Hasan

1.1. FINDINGS AND RECOMMENDATIONS

The table below summarizes the identified boiler safety hazards during this inspection. Recommendations have been provided for each finding.

FINDING NO:	B-1	
CATEGORY:	BOILER ROOM	
BOILER REGISTRATION NO:	7734	
FINDING: Inadequate ventilation systems were observed in the boiler room.		
RECOMMENDATION: An adequate ventilation system shall be ensured as per BNBC 2020 for habitability, combustion air, housekeeping, personal safety, and general safety considerations.		
PRIORITY:	P2	
REMEDIATION TIME FRAME:	2 MONTHS	

FINDING NO:	B-2	
CATEGORY:	BOILER ROOM	
BOILER REGISTRATION NO:	7735	
FINDING: Inadequate ventilation systems were observed in the boiler room.		
RECOMMENDATION: An adequate ventilation system shall be ensured as per BNBC 2020 for habitability, combustion air, housekeeping, personal safety, and general safety considerations.		
PRIORITY:	P2	
REMEDIATION TIME FRAME:	2 MONTHS	

2. INTERNAL INSPECTION & HYDROSTATIC PRESSURE TEST INSPECTION

Inspection Date	Boiler Registration Number	Author(s)
15-May-25	BB 7734	Kazi Sefat-E-Nur
21-May-25	BB 7735	Ahmad Hossain Khokon

Reviewed by : Arif Ahamed Mithun

Approved by : Md. Mehedi Hasan

2.1. FINDINGS AND RECOMMENDATIONS

The initial inspection of this part of the boiler(s) revealed no safety concerns.

3. FUNCTIONAL TEST INSPECTION

Inspection Date	Boiler Registration Number	Author(s)
18-Aug-25	BB 7734, BB 7735	Asif Iqbal

Reviewed by : Arif Ahamed Mithun

Approved by : Md. Mehedi Hasan

3.1. FINDINGS AND RECOMMENDATIONS

The initial inspection of this part of the boiler(s) revealed no safety concerns.