DECLARATION OF PERORMANCE

No.: 5578ZWC_Dirock-0905

1. **Unique identification code of the product-type:** Mechanically operated locks, latches and locking plates
   Type: 5578ZWC
2. **Intended use:** On fire and smoke control doors
3. **Manufacturer:** Hebei Jianhua Lock Industry Co.,Ltd.
   Road 3, Development Area, Botou City, Hebei Province, China
4. **System of AVCP:** AVCP 1
5. **Harmonized standard:** EN12209:2003+AC:2005
   Notified body: Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden -Echterdingen
   CE Certificates: 0905-CPR-000347-04
6. **Declared performance:**

Essential characteristics	Grade	Performance	Harmonized technical specification
4.2.1 Category of use	3	For use in doors where is a high chance of misuse	EN12209:2003+AC:2005
4.2.2 Durability and load on latch bolt	X	200 000 test cycles, 120N load on latch bolt	
4.2.3 Door mass and closing force	9	205kg, 15N closing force	
4.2.4 Suitability for use on fire/smoke doors	1	Suitable for use on fire/smoke resisting door assemblies	
4.2.5 Safety	0	No safety requirement	
4.2.6 Corrosion resistance and temperature	G	Very high corrosion resistance, Temperature range form -20℃ to +80℃	
4.2.7 Security and drill resistance	-	/	
4.2.8 Field of door application	B	Mortice, Hinged door	
4.2.9 Type of key operation and locking	0	Not applicable	
4.2.10 Type of spindle operation	2	Lock for unsprung lever handle operation	
4.2.11 Key identification requirement	0	No requirements	
Dangerous substances	The materials used in the product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.		

7. The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued. in accordance with Regulation（EU）No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by：Su WenZeng, CTO

At: Botou on: 2023-11-03