

# DECLARATION OF PERFORMANCE

Orion-CPR-2009/04/20-GB



## PRODUCT

**Product type** Cast iron stove  
**Type designation** Orion  
**Product identification** See serial number plate on product  
**Intended area of use** Heating of rooms in residential buildings  
**Fuel** Wood

## MANUFACTURER

**Name** Nordpeis AS  
**Address** Gjellebekkstubben 11  
3420 Lierskogen, Norway

## CHECKS

**According to AVCP Standard** System 3  
EN 13240:2001 /A2:2004  
**Test institute** Rein-Ruhr Feuerstatätten Prüfstelle, NB 1625  
& SP - Swedish National Testing, TAB  
has checked declared performance and issued  
test report no. RRF- 40 09 1922 & SP P0 09503-1

## DECLARED PERFORMANCE

Essential Characteristic	Performance	Harmonized technical specification
Reaction to fire	A1	EN 13240:2001 / A2:2004
Minimum distances to combustible material	420 mm rear 580 mm side other safety distances according product manual	
Risk of falling embers	Approved	
Emission from combustion: Carbon monoxide at 13% O <sub>2</sub> Oxygen nitride NO <sub>x</sub> at 13% O <sub>2</sub> Organic Gaseous Carbon at 13% O <sub>2</sub> Particulate Matter at 13 O <sub>2</sub>	CO = < 1500 mg / m <sup>3</sup> NO <sub>x</sub> = < 200 mg / m <sup>3</sup> OGC = < 120 mg / m <sup>3</sup> PM = < 40 mg / m <sup>3</sup>	
Surface temperatures	Approved	
Cleanability	Approved	
Mechanical durability	Approved	
Releases of Hazardous Substances	Approved	
Nominal output	P = 3,0 kW	
Flue gas temperature at nominal output	t <sub>a</sub> = 181 °C	
Energy efficiency	η= 84,2 %	

The undersigned is responsible for the manufacture and conformity with declared performance



Stian Varre, CEO Nordpeis AS