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Testreport of the woodstove Stûv 21/125DF of Concept & Forme

SGS registration	
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1 Introduction

1.1 Specification of the type test and the inset appliance

Test report of an inset appliance including open fires fired by solid fuels in accordance with NEN EN 13229:2001 and NEN EN 13229-A2:2004

Laboratory	SGS Nederland BV
Name, address	Leemansweg 51 6827BX Arnhem The Netherlands
Notified under EC number	0608
Manufacturer	Concept et Forme sa
Name, address	Rue Jules Borbouse 4 B-5170 Bois de Villers Belgium
Appliance	
Name, serial number	Stûv 21/125DF
Nominal heat output	28 kW
Recommended fuels	Wood logs
Principal	Concept et Forme
Test category	Initial type test

Description of the inset Stûv 21/125DF

Inset appliance made of plate steel equipped with two front window doors. The doors both open vertically. The combustion chamber is insulated with fireproof bricks and equipped with a vermiculite baffle. The primary air and secondary air supply can be adjusted by means of four regulators on the front and back of the appliance. The chimney can be connected to the top of the appliance. The appliance is equipped with four convection outputs.

Abstract of the test results:

The following essential characteristics as defined in Annex ZA of NEN-EN 13229:2001 and NEN-EN 13229 A2:2004 have been tested with beech and fir timber (5*5 cm) as fuel and the results are as shown in the table below.

Essential characteristic	Performance
Test fuel	Beech
Fire safety	Pass
Emission of combustion products, related to 13% O ₂	CO: 0.21 vol%
Surface temperature	Pass
Thermal output / Energy efficiency	28.6 kW / 72.9 %
Release of dangerous substances	Pass

Inset appliance Stûv 21/125DF is an intermittent burning appliance and can not be connected to a shared flue.

This test report with pages 1 until 12 and the annexes A until F contain the results of the type test in compliance with NEN-EN 13229:2001 and NEN-EN 13229 A2:2004