

Cargo Lashing en Securing certificate

Conform: EU 12195-1 and Belgium legislation

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Report number:	IR/GC/00..
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Lashing address / Lashing location:
Highway E 40 parking Jabbeke Belgium direction Brussels

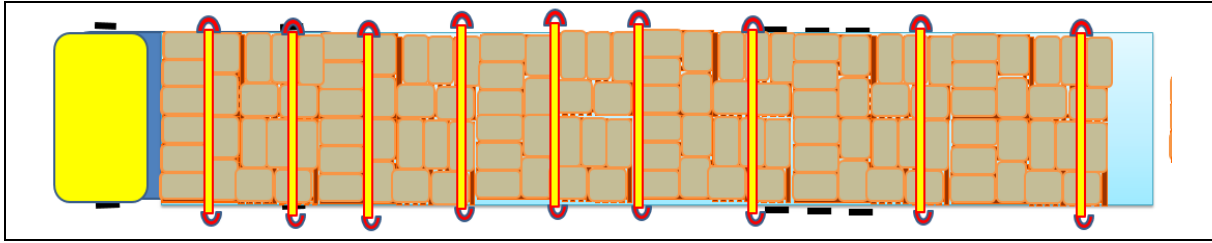
Truck company:	ABCDE trucking
License number:	AAA.111
Name driver :	Jan janssens
Address :	5 street
State :	1234546 new Europe
VAT number :	VAT: 123456789 AB

Cargo securing calculation: Overtop lashing securing

Fg = 22.880 cargo
a = 0,8
 $\mu = 0,35$
Fs = 1,25
P X 27.000 = 13. 500
Rest:
 $\alpha = 1$

$$Fv = \frac{a - \mu}{\mu} \times \frac{Fg}{2} \times Fs$$

Cargo description:	24 pallets of 950 Kg. 40 x 23,75 kg bags 
Friction:	0,35 μ
Pallet size:	120 x 100 X 140
Vehicle 12642 XI Yes / \neq	P x 27.000
Number of parts:	Non
Material of the cargo:	PVC on pallets
Weight of cargo:	22.800 Kg.
Max: a	= 80% 22.800 x 0,8 = 18240 18240 - 13500 = 4740
Lashing equipment description: X Cargo web lashing <input type="radio"/> Timber <input type="radio"/> Lashing chains <input type="radio"/> Wire lashing ropes <input type="radio"/> Others <input type="radio"/>	Lashing bels 450 daN Stf
Lashing calculation:	$Fv = \frac{0,8 - 0,35}{0,35} \times \frac{4740}{2} \times 1,25$ = 3;809 daN / 450 9 over top web lashing of 450 daN



Remarks: the above lashing method The best of the state of techniques

For GC-Advice
Operation manager

Mr. Geert Frans



GC-Advice is member of EUMOS