М	odifications EAWS \	/1.3.4. versus V1.3.3				
	Line	Subject	V1.3.3	V1.3.4	Comments	
۲e:	sult of overall evaluation					
	Overall evaluation	Text (remark on the calculation / interpretation)	none	Calculate the total score of the whole body sections and compare it to the upper limbs score.The overall result is determined by the higher value but interpretation should also take into account the second value.	More precise assignement	
Ser	ction 0: Extra points					
500	Annotation	Text (Advice to non-automotive sectors)	For details see the EAWS manual.	Lines 0a-b mainly relate to the Automotive Industry, for other sectors additional elements may be necessary.		
Se	ction 1: Postures					
	Header	Text of the 1. annotation	(incl. loads of <3kg and action forces of 30-40N)	(incl. loads of <3 kg, forces onto fingers of <30 N and whole body forces of <40 N)	More precise assignement	
	Header	Text of the 2. annotation	Static postures : > 4sec	Static postures : ≥ 4sec	Corresponding to the def. in the manual (more conservative than EN 1005-1: >4s, but easier in application	
	Header	Text of the 3. annotation	High frequent movements: 2 trunk bendings or 10 arm fittings > 60° per min	High frequent movements: Trunk bending (> 60°) ≥ 2/min Movements into knee/crouch ≥ 2/min Arm lifting (> 60°) ≥ 10/min	More precise assignement	
	Sum line	Format		Slight modification of the format of the annotation	ion and sum line	
	Table Trunk rotation	Content	slightly: <10° / extreme: > 30°	slightly: ≤ 10° / extreme: ≥ 30°	Easier interpolation	
504	ction 2: Action forces					
36	Scoring tables	Duration points whole body	n = 1-2 -> 1,5	n = 1 -> 1		
	Whole body table	Some values Fmax		Correction of the values: <u>ST Upright, P40</u> : +C 185 (instead of 165) -C 165 (instead of 155) <u>KN Upright, P40</u> : -C 160 (instead of 150) <u>SI Upright, P40</u> : +C 165 (instead of 155) <u>ST Bent, P15</u> : +B 205 (instead of 206) <u>KN Above head, P40</u> : -C 180 (instead of 190)	Alignment with Force Atlas	
	Whole body table	Presentation of the figure	Presentation with A+/- etc.	Correct presentation with +/- A etc.		
	Finger force table	Text of the title	Finger forces (neutral to gender)	Finger forces Fmax (neutral to gender)	in analogy to Forces Fmax onto arms/whole body forces	
	Annotations	Elimination Max. Points	Attention: Max. Pts=350 line 17 / 500 line 18	none	Annotation misleading	

Line	Subject	V1.3.3	V1.3.4	Comments
ection 3: Manual Materia	l Handling			
Load points	Elimination interpolation line		No interpolation line between the last 2 column	s
Means of transport	Description M1	Barrows, rope balancers	Barrows (plus elmination balancer illustration)	Misleading
Posture points	Value 2nd section	0-2	1	Easier for interpolation
#, duration points	Description 1st line	Frequency of repositionings / pushing&pulling	Frequency of repositionings / pushing&pulling short	More cllear
#, duration points	Description 3rd line	Distance (carrying, pushing&pulling) [m]	Distance (carrying, pushing&pulling long) [m]	More cllear
#, duration points	Line "Duration"	>240	≥ 240	Mistake in V1.3.3. when changing the EAWS form from Word to Excel
#, duration points	Line "Distance"	6500 16000	6000 ≥ 16000	Mistake in V1.3.3. when changing the EAWS form from Word to Excel
Result line	Format	4 categories (2 for P&P short/long)	5 categories (2 for P&P short/long)	Easier for application
Section 4: Upper limb load				
Line 20a	Calculation FFGD	3 columns	4 columns	Still under discussion
Line 20a	Text (sum line)		Additional indications	Easier match with the calculation
Line 20b/c/d	Text (result boxes)		PP, AF, DP	scheme
Line 20	Text (overall result)		FFG, PP, AF, DP	_
Legend:				
Modifications Fondazio	ne ERGO-MTM Italia			
Modifications IAD				
Modifications proposed	d in order to assure a better application			