

## INSPECTION REPORT



**Project:** Auto Warehouse Tira 187

**Spec:** 33 - Hor-Tal

Inspection:	Site	Source	Off Site
	Storage Area		





**Ref Number:** 33.8



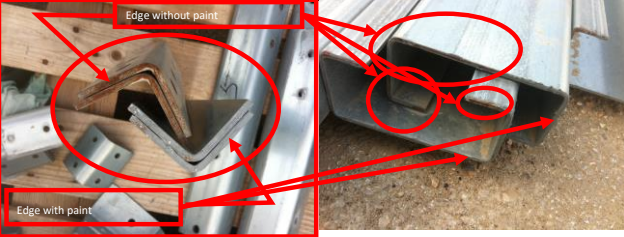



Discipline:	Name	Design	CQCM	QC Mechanical
	33	Hor-Tal Engineering (1988) Ltd	Constantin Vescan	Eugene Konstantinov



**Date:** 6/15/2017

Reported to:	Contractor	Subcontractor	Subcontractor PM	Subcontractor QA	Contractor QA/QC
	CDM Constructors Inc.	Hor-Tal	Oded Penso	Ofar Hofstetter	Constantin Vescan

## Record of Work Inspected

Item #	Location (Level and Room) / System	Description	Obstacles are observed	Effects Other Disciplines	Action Required	Remarks
1	Automated Warehouse In-Rack Shelves System		All profiles, purlins edges were not painted by means of approved by submittal 19 00 00-4 Galvanization Repair Paint rust exist. It is independent from thickness of profiles. Signs of Galvanization degradation (white on zinc coating) and rust were observed.	Zinc degradation and steel rust were occur. Products of corrosion may damaged stored things.	All rusted cut edges should be cleaned as per Contract Specification requirements and painted in accordance to submitted 19 00 00-4 Galvanization Repair Paint.	
2	Automated Warehouse In-Rack Shelves System		Rust at transversal edges of profiles	Zinc degradation and steel rust were occur. Products of corrosion may damaged stored things.	All rusted cut edges should be cleaned as per Contract Specification requirements and painted in accordance to submitted 19 00 00-4 Galvanization Repair Paint.	
3	Automated Warehouse In-Rack Shelves System		Rust at longitudinal edges of the thin 2-3 mm thickness profiles	Zinc degradation and steel rust were occur. Products of corrosion may damaged stored things.	All rusted cut edges should be cleaned as per Contract Specification requirements and painted in accordance to submitted 19 00 00-4 Galvanization Repair Paint.	
4	Automated Warehouse In-Rack Shelves System		Rust at longitudinal edges of 4 mm thickness profiles	Steel rust was occur. Products of corrosion may damaged stored things.	All rusted cut edges should be cleaned as per Contract Specification requirements and painted in accordance to submitted 19 00 00-4 Galvanization Repair Paint.	

5	Automated Warehouse In-Rack Shelves System		During manufacturing works and assembling profiles were damaged by power and hand tools.	Steel rust was occur. Products of corrosion may damaged stored things.	All rusted cut edges should be cleaned as per Contract Specification requirements and painted in accordance to submitted 19 00 00-4 Galvanization Repair Paint.	
6	Automated Warehouse In-Rack Shelves System		All painted edges have not rust, rust signs, degradation signs up today, independently of direction of cutting.		No activities are needed.	
7	Automated Warehouse In-Rack Shelves System		Examples of painted and not painted profiles at the same conditions of TIRA-187 site, exposed to the same ambient conditions more than 7 month.			
8	Automated Warehouse In-Rack Shelves System		Examples of painted and not painted profiles at the same conditions of TIRA-187 site, exposed to the same ambient conditions more than 7 month.			
9	Automated Warehouse In-Rack Shelves System		Unistrut profiles cut edges corrosion	Steel rust was occur. Products of corrosion may damaged stored things.	All rusted cut edges should be cleaned as per Contract Specification requirements and painted in accordance to submitted 19 00 00-4 Galvanization Repair Paint.	
10	Automated Warehouse In-Rack Shelves System		Bolts corrosion	Steel rust was occur. Products of corrosion may damaged stored things.	All rusted cut edges should be cleaned as per Contract Specification requirements and painted in accordance to submitted 19 00 00-4 Galvanization Repair Paint.	

11			<p>Zinc degradation (white signs on edges). After zinc degradation galvanization does not work. Rust of steel will start later.</p>	<p>Zinc degradation and steel rust were occur. Products of corrosion may damaged stored things.</p>	<p>All rusted cut edges should be cleaned as per Contract Specification requirements and painted in accordance to submitted 19 00 00-4 Galvanization Repair Paint.</p>	
12			<p>Rust examples on In-Rack Structural Steel Construction.</p>	<p>Steel rust was occur. Products of corrosion may damaged stored things.</p>	<p>All rusted cut edges should be cleaned as per Contract Specification requirements and painted in accordance to submitted 19 00 00-4 Galvanization Repair Paint.</p>	