



**Frost Inc.**

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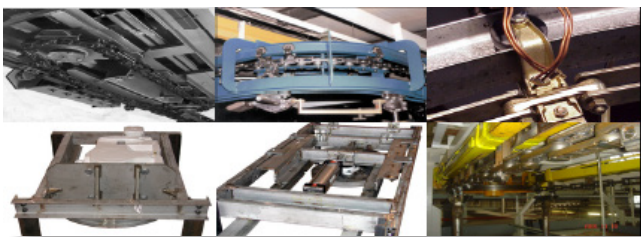
# ***Conveyor System Health Assessment***



***Chain Strain  
Analysis***



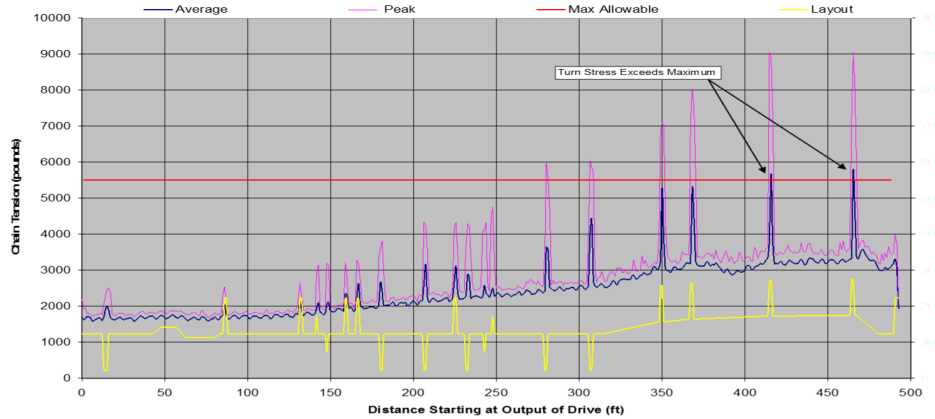
***Chain Wear  
Analysis***



***37 Point Conveyor  
System Health  
Assessment***

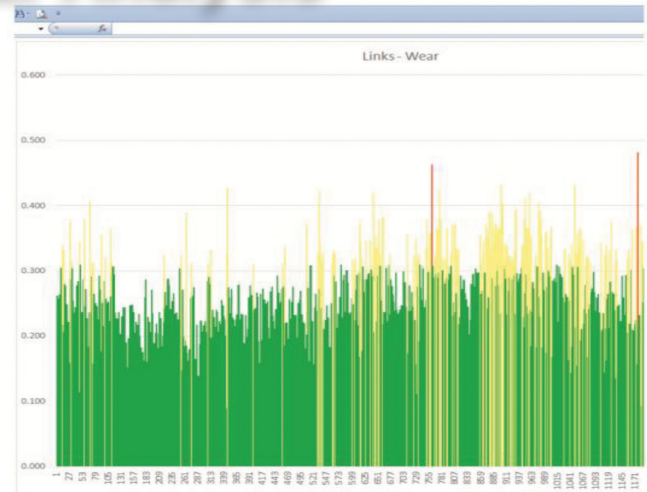
# Chain Strain Analysis

Kill Floor 2 X-678 Main Chain



# Chain Wear Analysis

F348		0.089681818181818													
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Chain Type:	X-678	List of All Links:			Links to be Inspected:			Links to be Replaced:						
2	File Date:	8/23/2015 8:48	Link #	Length	Wear	Link #	Length	Wear	Link #	Length	Wear				
3	Base File Date:	N/A	1	12.262	0.376	13	12.340	0.339	760	12.463	0.496				
4	Total # of Links:	1458	2	12.188	0.399	15	12.331	0.331	1177	12.482	0.482				
5	Good Links:	1209	3	12.257	0.291	27	12.374	0.374							
6	Inspect Links:	247	4	12.169	0.319	31	12.315	0.315							
7	Replace Links:	2	5	12.203	0.211	47	12.345	0.345							
8	Ideal Length:	17496.000	6	12.245	0.341	57	12.379	0.379							
9	Actual Length:	17848.617	7	12.264	0.218	69	12.408	0.408							
10	Replacement Length:	18152.100	8	12.225	0.227	74	12.313	0.313							
11	Percent Wear:	2.02	9	12.244	0.248	91	12.355	0.355							
12	MIN Wear:	0.042	10	12.305	0.301	99	12.321	0.321							
13	MAX Wear:	0.482	11	12.243	0.241	109	12.365	0.365							
14	AVG Wear:	0.242	12	12.175	0.172	113	12.311	0.311							
15	Wear Change:	N/A	13	12.340	0.339	217	12.324	0.324							
16	Percent Change:	N/A	14	12.217	0.211	253	12.324	0.324							
17			15	12.331	0.331	263	12.389	0.389							
18			16	12.206	0.206	274	12.312	0.312							
19			17	12.279	0.279	308	12.311	0.311							
20			18	12.202	0.202	313	12.332	0.332							
21			19	12.277	0.277	345	12.326	0.326							
22			20	12.195	0.195	347	12.427	0.427							
23			21	12.248	0.248	399	12.311	0.311							
24			22	17.114	0.114	458	17.317	0.317							



## 37 Point Conveyor System Health Assessment



### Example:

- Checklist Item #24
- Take-up Slip Joints

### Recommendation:

- Replace due to wear beyond usable limits



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