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Cost comparison for STA make 4" x 120 Grit Flap disc

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Customer concern/Requirement

They require cost saving & increase productivity

CUMI 4" x 120 Grit Paper Disc

STA make 4" x 120 Grit Flap disc

Per Component Cost Calculation

CUMI make 4" x 120 Grit Paper Disc	18.00	STA make 4" x 120 Grit Flap disc	34
No. of Paper disc used For 6 component	9.00	No. of Flap disc used for 6 component	1
Total Cost per 6 component	162.00	Total Cost per 6 component	34.00
Disc used per day	35.00	Disc used per day	4.00
Disc used per month	910.00	Disc used per month	104
Cost of disc per day	630.00	Cost of disc per day	136
Cost of disc per month	16380.00	Cost of disc per Month	3536
Back up pad require per month	5.00	Back up pad require per month	0
Back up pad Cost per month	1500.00	Back up pad Cost per month	0
Saving per day	0.00	saving per day	494.00
Saving per month	0.00		12844.00
Saving per year			154128.00

Recommended Product/process

we suggested use STA 4" x 120 flap disc instead of CUMI 4" x 120 sander wheel to save **154128/year**

Trial Outcome-

1) Area Of Concern in CUMI Make 4" x 120 Paper Disc- To Increase productivity & Reduce cost per component

2) After the trail of STA make 4" x 120 Grit flap disc Following Observation are Made.

* Due to STA Flap discs Not broken during Finishing is better than CUMI paper disc

* Effective finishing in single activity & frequent change over not required

Due to Higher no of components per STA make Flap disc.

* Cost Per component reduce due to high life of STA make Flap disc.

3) Tentatively generated Cost work out as per Trial Report By Mr. Subash Gupta sir.