

① **Reducing the amount of outage time due to cutter clogging in an NX**

Remove the demon that lurks in the process!

② iQ Circle

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⑧ Abstracts:

We, The Contract Management Division, produce X-ray film for medical use. Our duties consist of 2 shifts carrying out operational procedures in a darkroom environment. At the same time that our company made the transition from a dispatch business to contract management, the "iQ Circle" (iQ) was formed.

Membership consists of 2 Veteran workers, and 6 came from other various workplaces to make a total of 8. The average age of Circle members is around 42 years old.

After the formation of the new organization, production commenced, however it came to our attention that when we would cut the film, there were many times where a clog would cause a breakdown to occur frequently!

In particular, incidents in which the cutter would clog could be likened to a constant demon befalling the worker, who has to stop and find a way to repair the machine, and repeat this again and again! Because the worker has to halt working in order to make the necessary repairs, film loss also occurs, and occasionally the entire operation needs to be discontinued...and when that occurs the daily production amount cannot be reasonably achieved, and the workers were mentally and physically exhausted, and driven into a corner.

Within this manufacturing process, the lurking demon = (Equals) what is the reason responsible for the jamming and breakdown of the cutter? This is what concerned ourselves with. The company received business and did well, but within that we worried if we could really keep moving forward with such a crisis-like atmosphere hanging over us?

Furthermore, workers holding onto the old, fixed idea of "the demon" a challenge to exterminate the chronic failure of the cutter becoming jammed and investigate the cause of the downtime! To achieve impressive reductions!

Impressive growth was achieved.

① **NXO工程におけるカッター詰まり停止時間の削減**

工程内に潜む魔物を排除せよ！

アイキュー

② **iQサークル**

イシイ タカフミ スクイ シュウヤ

アサノ マサル

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⑧ **発表要旨**

私達、請負業務課は、医療用レントゲンフィルムの製造を行っています。
勤務は2班の交替制で作業環境は暗室の工程です。

09年11月に派遣業務から請負業務になり同時に【iQサークル】(アイキュー)を結成しました。

メンバーはベテラン作業員2名、他職場から6名が加わり計8名、平均年齢42歳のサークルです。

新組織立ち上げ後、いざ生産を開始するとそこにはフィルムをカットする際の詰まり故障が頻発！

特に、カッター詰まり故障は魔物のように作業員に降りかかり、直しては発生、直しては発生の繰り返し！ 処置の為に停止時間もかかりフィルムロスも出て、時には作業の中止も・・・そうなると日々の生産量も達成できず、作業員は精神的にも肉体的にも疲労困憊な状況に追い込まれました。

この工程内に潜む魔物＝(イコール)カッター詰まり故障とはいったい何？ に対し今後、業務を受けたは良いが、本当にやっていけるだろうかという危機感の中、さらに作業員が抱いていた古い固定観念を破り『魔物』を退治し難題とされていた慢性故障のカッター詰まり故障時間の原因を究明し！ 削減を見事に達成！ 大きく成長しました。