

Lean Manufacturing / Lean Production

Topic 6:

- Toyota Way 4P
& 14 Principals



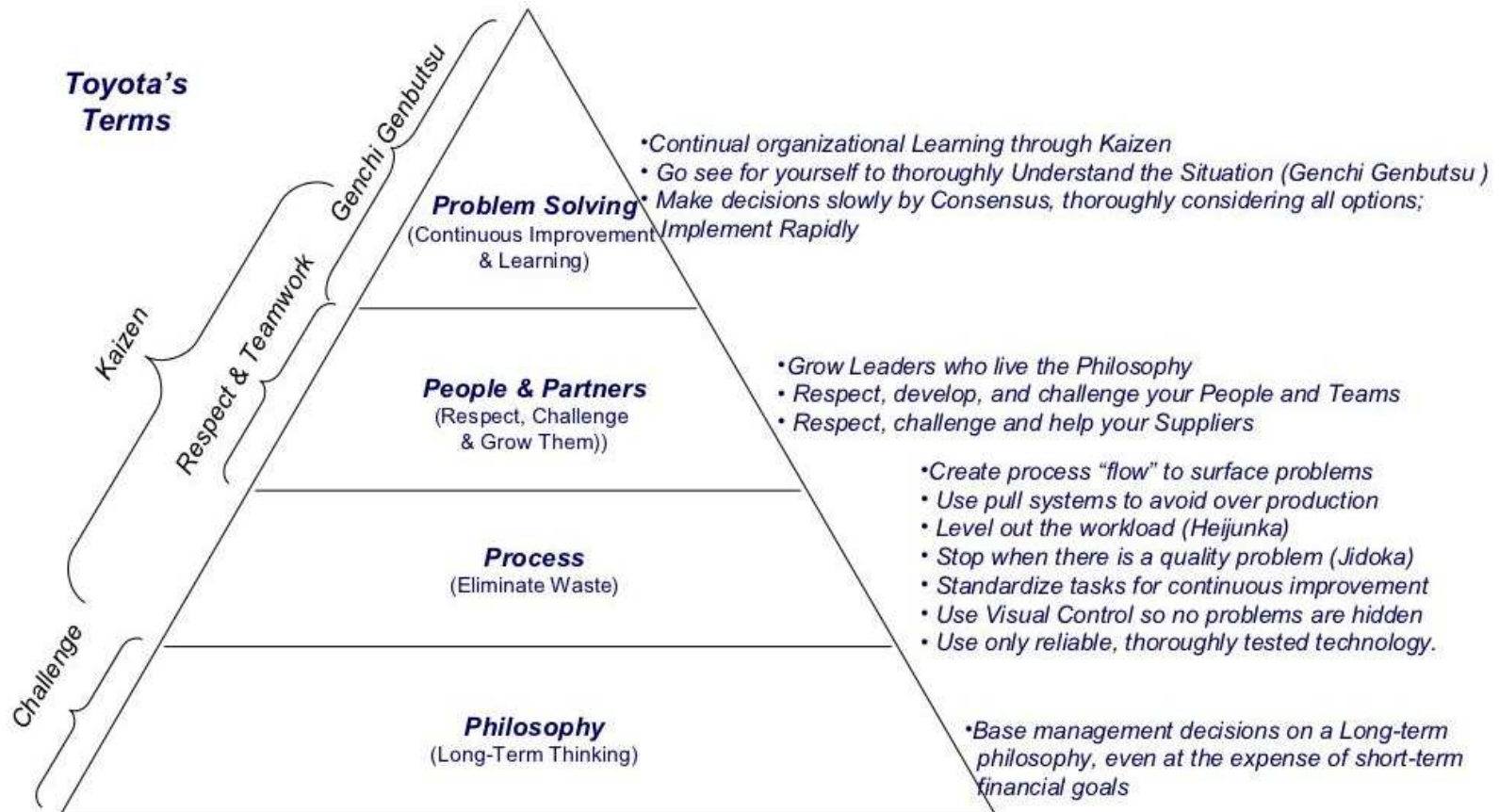
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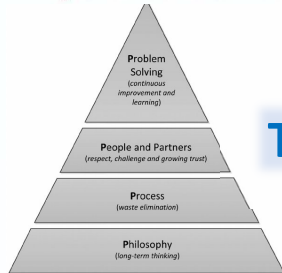


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P1 – Philosophy

Principle 1: Base Your Management Decisions on a Long-Term Philosophy, Even at the Expense of Short-Term Financial Goals

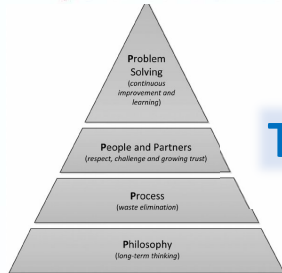


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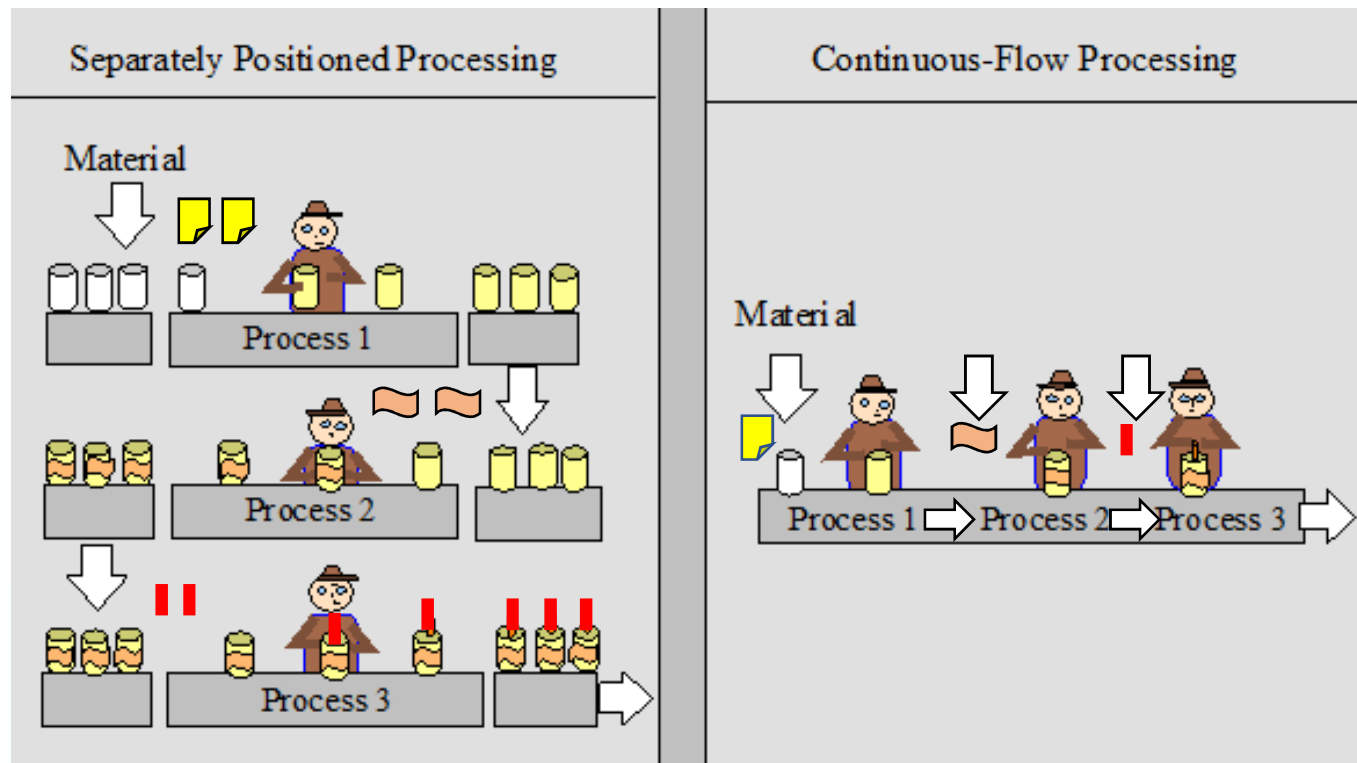
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P2 – Process

Principle 2: Create Continuous Process Flow to Bring Problems to the Surface

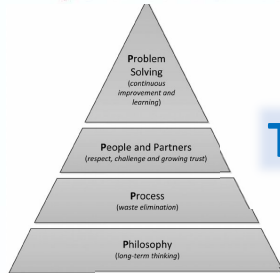


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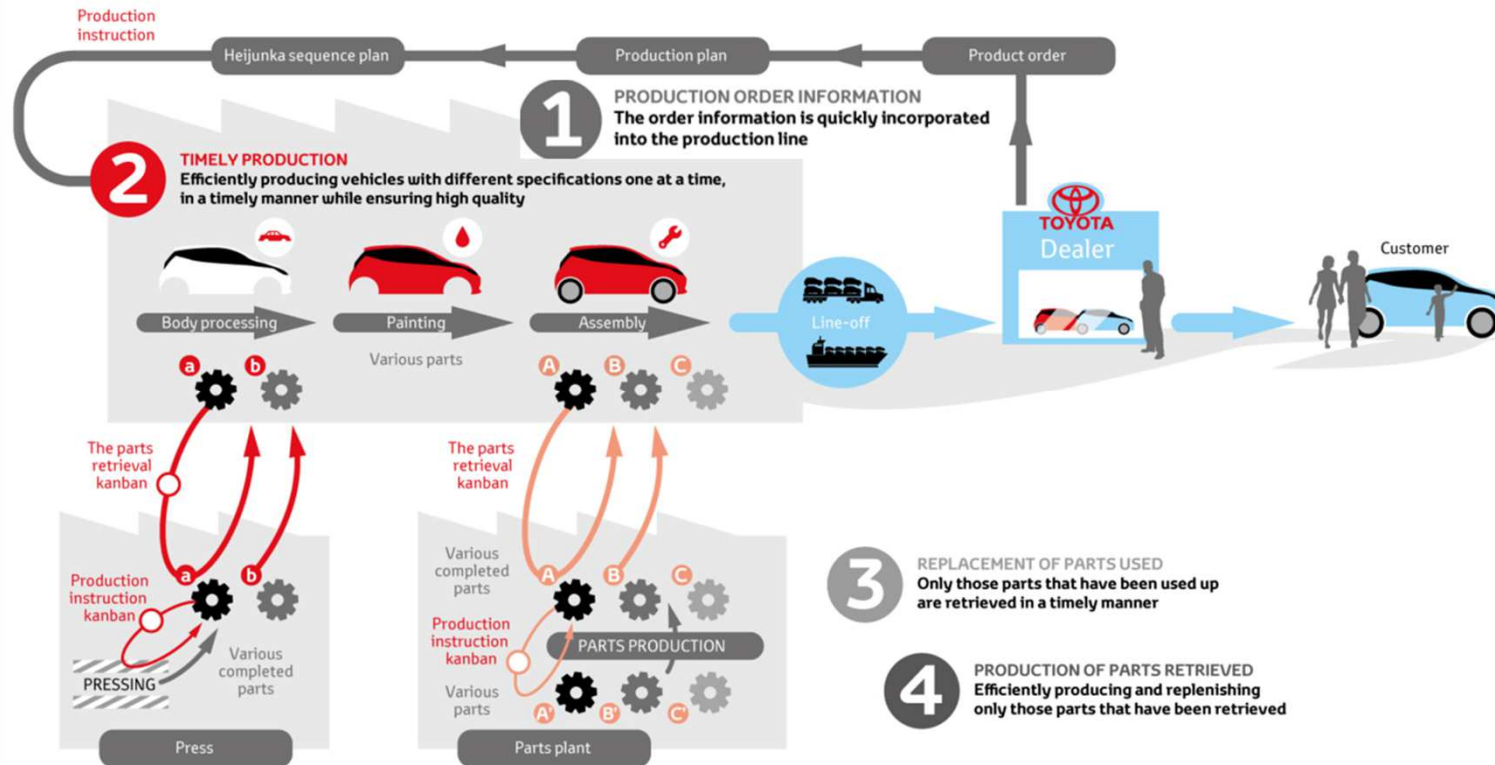
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P2 – Process

Principle 3: Use Pull Systems to Avoid Overproduction



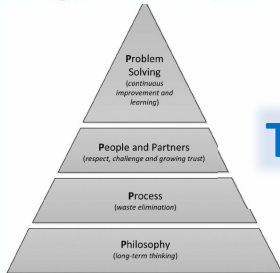
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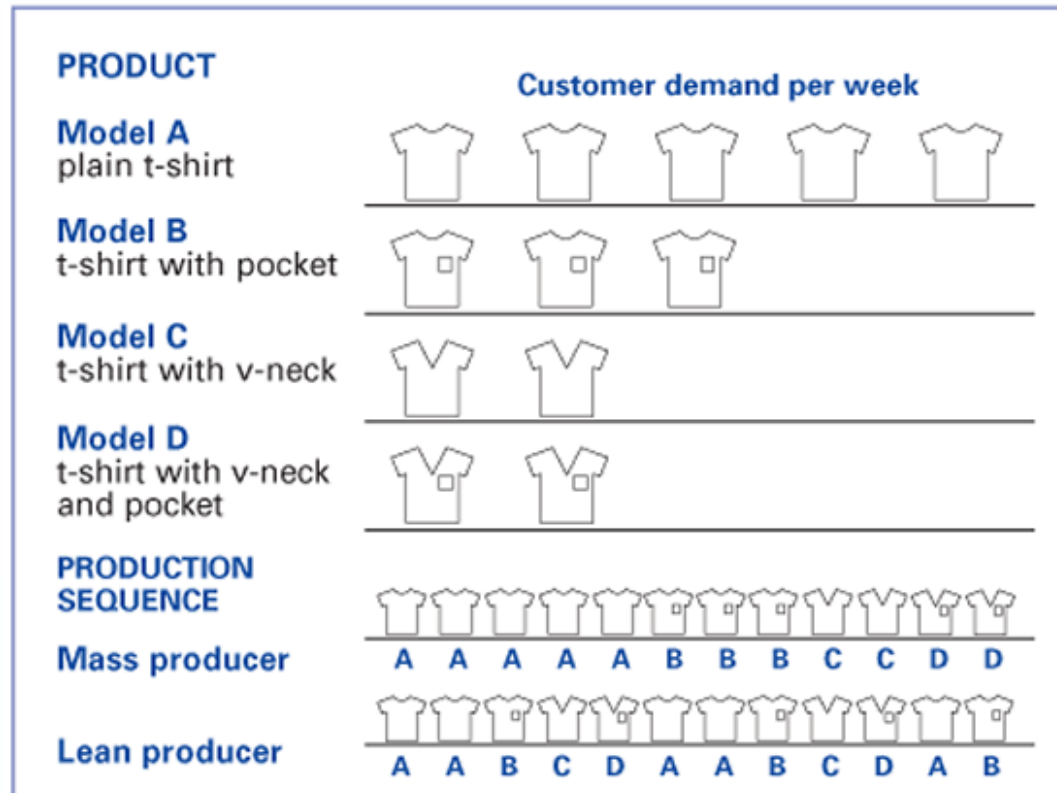
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P2 – Process

Principle 4: Level Out the Workload (Heijunka)

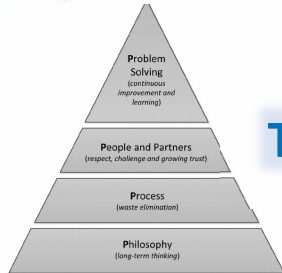


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P2 – Process

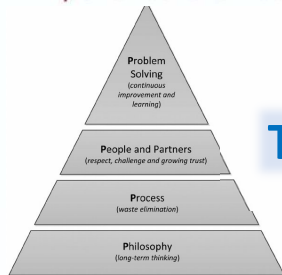
Principle 5: Build a Culture of Stopping to Fix Problems, to Get Quality Right the First Time

STOP - CALL - WAIT	
PROSEDURE	KETERANGAN
<p>Kondisi Abnormal</p>	<ol style="list-style-type: none"> 1. Proses tdk sesuai prosedur 2. Ada kelainan pada proses 3. Ada kondisi yg membahayakan & ragu
<p>"STOP" MENGHENTIKAN</p>	<ol style="list-style-type: none"> 1. Hentikan proses kerja
<p>"CALL" MEMANGGIL</p>	<ol style="list-style-type: none"> 1. Panggil pimpinan kerja (Koordinator / Spv)
<p>"WAIT" MENUNGGU</p>	<ol style="list-style-type: none"> 1. Menunggu & tidak melakukan apapun 2. Tunggu instruksi dari pimpinan

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P2 – Process

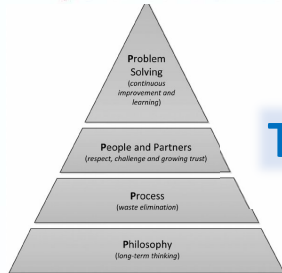
Principle 7: Use Visual Control So No Problems Are Hidden



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P2 – Process

Principle 8: Use Only Reliable, Thoroughly Tested Technology That Serves Your People and Processes

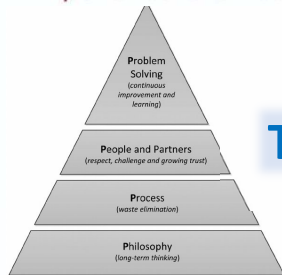


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P3 – People and Partners

Principle 9: Grow Leaders Who Thoroughly Understand the Work, Live the Philosophy, and Teach It to Others



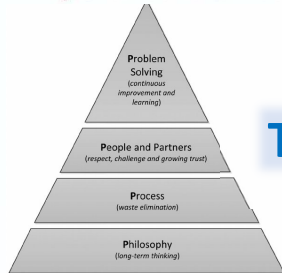
The image shows a 'TRAINING SCHEDULE' table with a 'CAREER DEVELOPMENT' logo. The table has columns for 'Date', 'Topic', 'Instructor', 'Location', 'Time', and 'Status'. The rows contain various training topics and dates, though the text is small and difficult to read. The logo features a person running and the text 'CAREER DEVELOPMENT'.

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P3 – People and Partners

Principle 11: Respect Your Extended Network of Partners and Suppliers by Challenging Them and Helping Them Improve

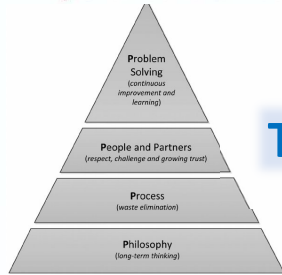


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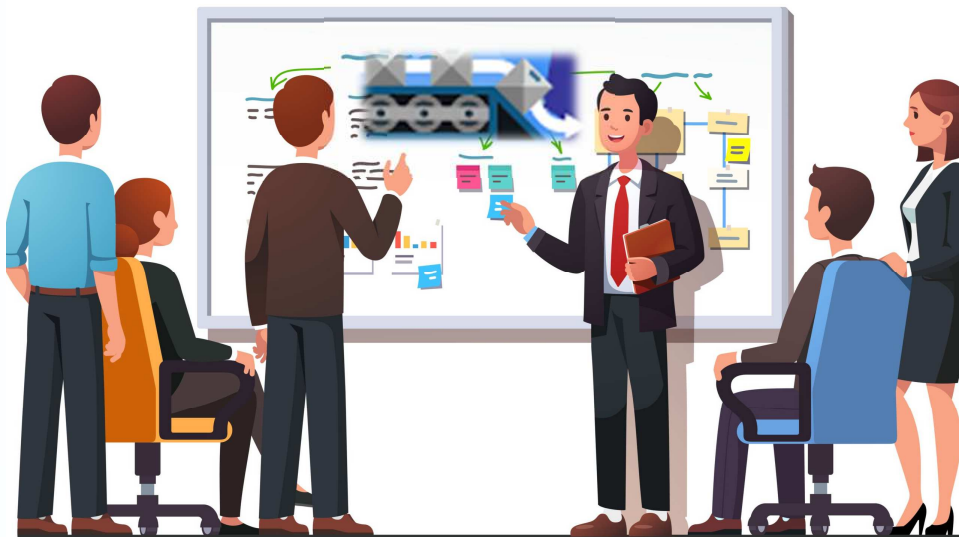
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P4 – Problems Solving

Principle 12: Go and See for Yourself to Thoroughly Understand the Situation (Genchi Genbutsu)

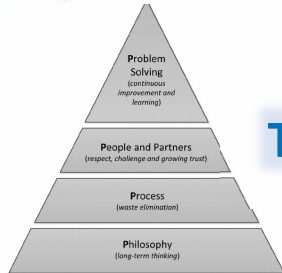


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P4 – Problems Solving

Principle 13: Make Decisions Slowly by Consensus, Thoroughly Considering All Options; Implement Rapidly (Nemawashi)

Are you agree



SQCDMPE

Agreeeeeeeeee...



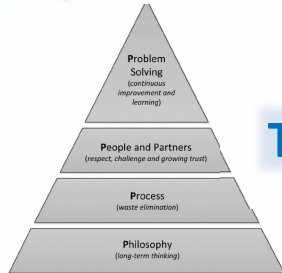
All Parties

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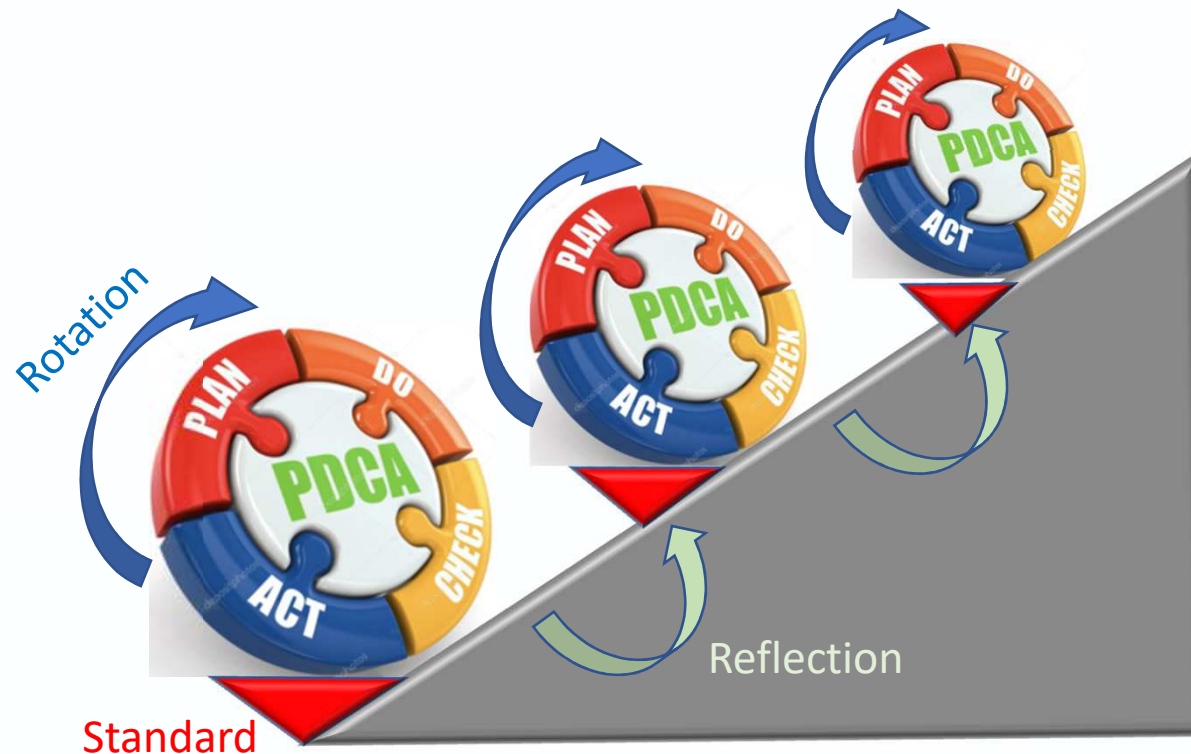
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P4 – Problems Solving

Principle 14: Become a Learning Organization Through Relentless Reflection (Hansei) and Continuous Improvement (Kaizen)

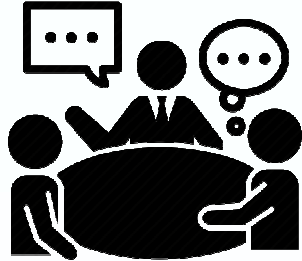


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TUGAS KELOMPOK

LOGO? KELOMPOK

Membahas salah satu tema berikut ini:

- **Prinsip 1:** Dasarkan keputusan manajemen anda pada filosofi jangka panjang, bahkan bila harus mengorbankan tujuan keuangan jangka pendek
- **Prinsip 2:** Buat alur proses yang kontinu untuk mengangkat permasalahan ke permukaan.
- **Prinsip 3:** Gunakan sistem "tarik" (*pull*) untuk menghindari produksi yang berlebihan.
- **Prinsip 4:** Ratakan beban kerja (*heijunka*). (Bekerjalah seperti kura-kura, bukan seperti kelinci).
- **Prinsip 5:** Bangun budaya agar berhenti untuk memperbaiki masalah, sehingga kualitas yang tepat diperoleh sejak pertama kali.
- **Prinsip 6:** Tugas dan proses yang terstandar merupakan dasar untuk perbaikan secara terus-menerus dan pemberdayaan karyawan.
- **Prinsip 7:** Gunakan pengendalian visual agar tidak ada masalah yang tersembunyi.
- **Prinsip 8:** Gunakan hanya teknologi yang dapat dipercaya dan benar-benar teruji untuk melayani orang-orang dan proses.
- **Prinsip 9:** Kembangkan pemimpin yang benar-benar memahami pekerjaannya, menjiwai filosofinya, dan mengajarkannya kepada orang lain.
- **Prinsip 10:** Kembangkan orang-orang dan tim yang luar biasa, yang bersedia mengikuti filosofi perusahaan Anda.
- **Prinsip 11:** Hormati jaringan mitra dan pemasok dengan cara terus menantang mereka dan membantu mereka memperbaiki diri.
- **Prinsip 12:** Pergi dan melihat sendiri untuk dapat benar-benar memahami situasi (*genchi genbutsu*).
- **Prinsip 13:** Ambil keputusan secara perlahan-lahan dengan konsensus, saksama dalam mempertimbangkan semua pilihan; mengimplementasikan keputusan dengan cepat (*nemawashi*).
- **Prinsip 14:** Menjadi organisasi pembelajar melalui refleksi yang terus-menerus (*hansei*) dan perbaikan yang berkesinambungan (*kaizen*).

Dengan menyajikan dalam bentuk material presentasi yang berisi:

- **Definisi tema**
- **Contoh pelaksanaannya**
- **Hambatan dalam pelaksanaannya**
- **Usulan agar sukses pelaksanaannya**