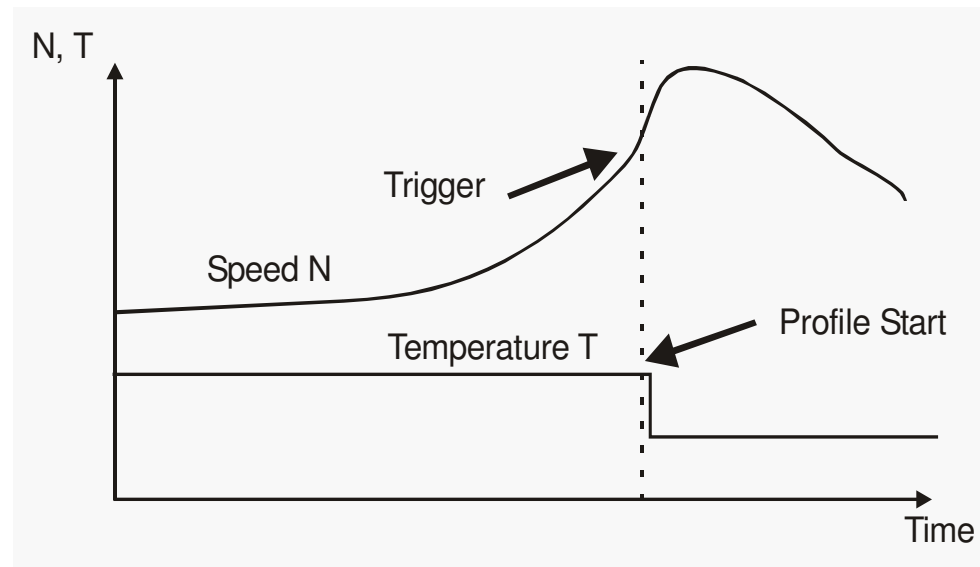


Stirrer Speed Triggered Temperature Reduction

With the stirring speed (number of stirrer revolutions per minute N) linked to the DO control, the actual speed can be used as a measure for the current oxygen consumption. The excess of a certain speed could be interpreted as a condition for a feed profile start (see example above) or a starting temperature increase or decrease. The later behavior can be achieved using both, the trigger conditions and a temperature set-point profile. In contrast to the previous examples, it is important to ensure that the temperature control is active from the start. This setup allows a temperature change – in this case from 37°C to 25°C – by a predefined profile.



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