

# MAINTENANCE ON FACILITIES - USE OF THE GUT MATRIX IN PRIORITIZATION

The building installation system works as if it were the building's circulatory system, so that the building has life. Therefore, it is necessary to have a project prepared by a qualified professional and produced in accordance with current ABNT standards or international standards, in the case of no standards, as the lack of a project or its poor execution is one of the main causes of manifestations. pathological (Vieira, 2016).

The most used method for prioritizing the pathological manifestations found was the GUT matrix, being a prioritization tool based on the severity, urgency and tendency that the problems represent for a given system.

According to Daychoum (2012), the GUT matrix methodology contains a score for each parameter (Severity, Urgency and Trend) that varies from 1 to 5, where 1 is a non-serious pathology and 5 is extremely serious, and the GUT result is obtained by multiplying these parameters. This method is exemplified in Table 1.

Tabela 1. Tabela da matriz GUT

<b>Matriz GUT</b>				
<b>Pontos</b>	<b>G</b>	<b>U</b>	<b>T</b>	<b>G x U x T</b>
	<b>Gravidade</b> Consequências se nada for feito.	<b>Urgência</b> Prazo para tomada de decisão.	<b>Tendência</b> Proporção do problema no futuro.	
<b>5</b>	Os prejuízos ou dificuldades são extremamente graves.	É necessária uma ação imediata.	Se nada for feito, o agravamento da situação será imediato.	5 x 5 x 5 = <b>125</b>
<b>4</b>	Muito Graves.	Com alguma urgência.	Vai piorar em curto prazo.	4 x 4 x 4 = <b>64</b>
<b>3</b>	Graves.	O mais cedo possível.	Vai piorar em médio prazo.	3 x 3 x 3 = <b>27</b>
<b>2</b>	Pouco Graves.	Pode esperar um pouco.	Vai piorar em longo prazo.	2 x 2 x 2 = <b>8</b>
<b>1</b>	Sem Gravidade.	Não tem pressa.	Não vai piorar ou pode até melhorar.	1 x 1 x 1 = <b>1</b>

Fonte: Daychoum (2012)

From the data collection carried out through photographic records during the inspection and the application of the GUT method, it is verified which ones present a greater risk to the health and safety of users.

From the results obtained it is possible to verify the incidence of pathological manifestations or not in the facilities and can represent a great harm to the physical and psychological well-being of residents.

Pathological symptoms, with rare exceptions, present characteristic external manifestations, from which the nature, origin and mechanisms of the phenomena involved can be deduced, as well as the likely consequences can be estimated.