



Further, the **Buroz** Relevant Integrated Criteria and is used to determine the total importance, I, of the impact for each activity on all receptors and of the project overall.

On the basis of the value of the importance of impact, I, obtained, the severity of the impact of an activity is assessed.

<b>Criterion</b>	<b>Definition</b>	<b>Scoring Scale</b>
<b>Intensity (IN)</b>	Degree of destruction of activity on receptor	1 (lowest)-12 (highest)
<b>Extension (EX)</b>	Theoretical area of influence of the impact	1 (localized) – 8 (widespread)
<b>Momentum (MO)</b>	Period of time for manifestation of the impact	4 (immediate: <1 year) – 2 (medium: 1-5 years)- 1 (long term: > 5 years)
<b>Persistence (PE)</b>	Duration of the effect of the impact	1 (fleeting, < 1 year), 2 (temporary, 1-5 years), 4 (permanent, >5 years)
<b>Reversibility (RV)</b>	Possibility of returning to pre-activity initial conditions by rebuilding or natural means	1 (short term, < 1 year)- 2 (medium term, 1-5 years) – 4 (long term, > 5 years or irreversible)
<b>Recoverability (MC)</b>	Possibility of reconstruction with corrective measures	1 -2 (full and immediate recovery)- 4 (partial recovery and medium term)- 8 (unrecoverable)
<b>Synergy (SI)</b>	Reinforcement ability of manifested effects	1(No synergy of actions on a receptor) -2 (moderate synergism)-4 (high synergy)
<b>Accumulation (Ac)</b>	Progressive increase of the effect	1 (no cumulative effect)-4(cumulative effect)
<b>Effect (EF)</b>	Directionality of impact-the cause (action)-effect (impact)	4 (direct)- 1 (indirect)
<b>Frequency (PR)</b>	Regularity of manifestation of the effect	4 (continuous) – 2 (irregular)-1 (periodic)
<b>Importance of Impact (I)</b>	<b><math>I = \pm (3 \times IN + 2 \times EX + MO + PE + RV + SI + AC + EF + PR + MC)</math></b>	

**The table below is based on the Buroz’s Relevant Integrated Criteria:**

Activities \ Receptor	Construction																	Operation and maintenance	
	Transport of equipment/ machinery- truck driving	Temporary storage/unloading of equipment and materials	Site preparation: Area delineation & Fencing	Working in outdoor environment	Excavation: intermediate pressure network	Pipe laying (PE100)	Welding PE100	Backfilling	Excavation: low pressure PE80 connections	Pipe laying: low pressure connections	welding PE80	Backfilling	Household installation- carbon steel pipe threading	Household installations and working at heights	Appliance conversion	Leakage testing: pneumatic	Waste Generation	Gas network processing	
Type of impact																		-	
Intensity (IN)/12	3	3	3	7	9	7	6	5	9	7	6	5	5	7	5	6	6	7	
Extension (EX)/8	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	
Momentum (MO)/4	3	4	3	0	4	0	0	0	4	0	0	0	0	0	0	0	4	4	
Persistence (PE)/5	1	3	2	1	4	4	4	1	4	4	4	1	2	1	1	1	4	1	
Reversibility (RV)/4	1	1	1	1	4	4	4	1	4	4	4	1	1	1	1	1	1	1	
Sinergy (SI)/4	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	4	2	
Acumulation (AC)/4	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	4	1	
Effect (EF)/4	1	1	1	4	4	4	4	4	4	4	4	4	1	1	1	4	4	3	
Frequency (PR)/4	4	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	
Recoverability (MC)/8	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	
<b>Importance of impact (I)</b>	<b>26</b>	<b>26</b>	<b>27</b>	<b>39</b>	<b>52</b>	<b>42</b>	<b>39</b>	<b>30</b>	<b>52</b>	<b>42</b>	<b>39</b>	<b>30</b>	<b>28</b>	<b>33</b>	<b>27</b>	<b>39</b>	<b>47</b>	<b>43</b>	
<b>Sub-Average (I)</b>	<b>36.4</b>																	<b>43.0</b>	
<b>Total-Average (I)</b>	<b>39.7</b>																		

None/ irrelevant	0	25
Minor Severity	26	50
Medium Severity	51	75
Major Severity	76	300

